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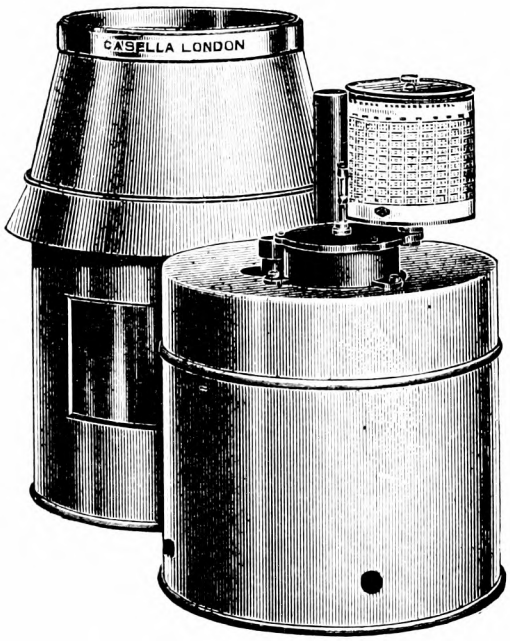

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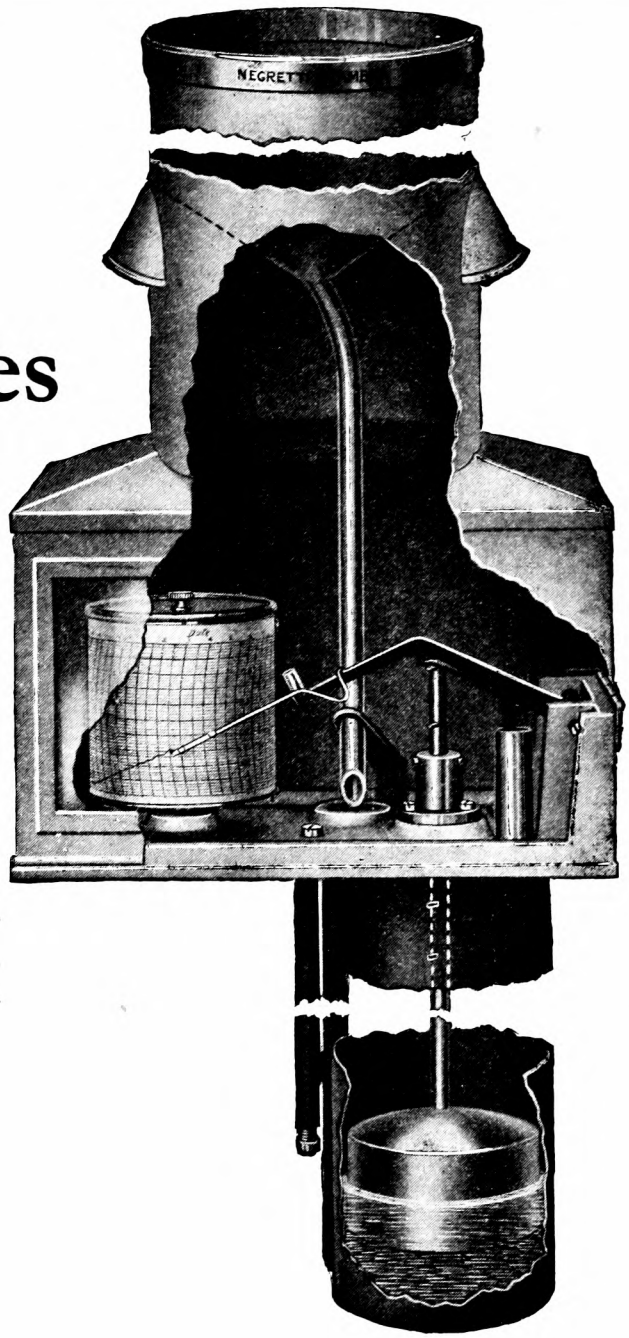

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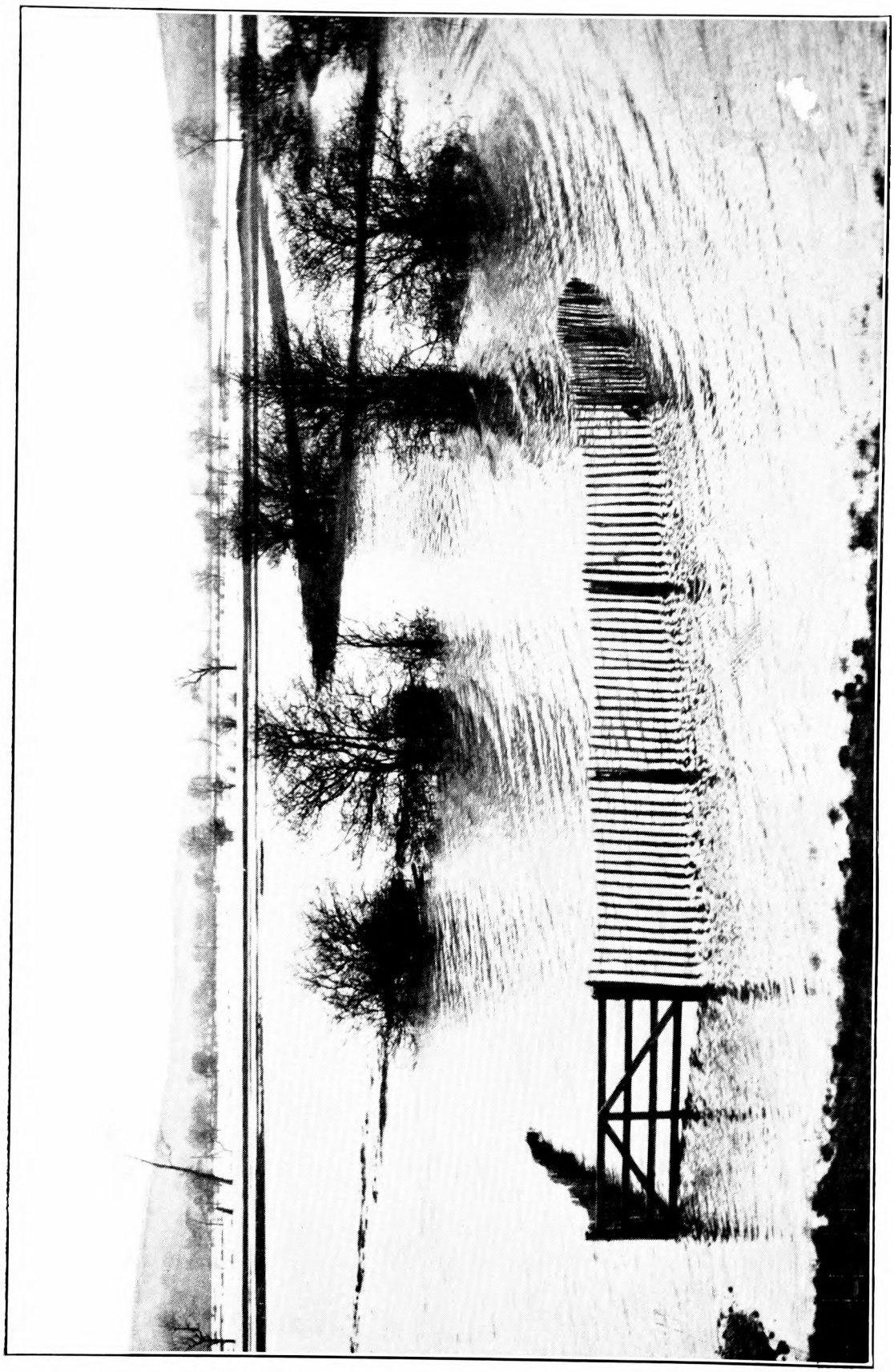
BRITISH RAINFALL
1935



Photograph reproduced by courtesy of the *Yorkshire Observer Budget* from the issue of February 23rd, 1935, showing flooded fields at Skipton.

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METEOROLOGICAL OFFICE

BRITISH RAINFALL

1935

THE SEVENTY-FIFTH ANNUAL VOLUME OF
THE BRITISH RAINFALL ORGANIZATION

Report on the

DISTRIBUTION OF RAIN

IN SPACE AND TIME OVER THE
BRITISH ISLES DURING THE YEAR
1935 AS RECORDED BY OVER 5,500
OBSERVERS IN GREAT BRITAIN AND
IRELAND

WITH MAPS AND ILLUSTRATIONS

Issued by the Authority of the
Meteorological Committee

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1936

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Errata in "British Rainfall," 1934.

p. 154. for the first entry under **4—Medway**, *substitute*:—

		Inches	Rain-days	Wet-days
Goudhurst (Bedgebury Forest)	.. Forestry Commission ..	31·62	159	113
Goudhurst (Bedgebury Pk. Gdns.)	.. Mr. H. Arnold	31·28	141	121

p. 240. *delete* Blaefaulds Filters and data relating thereto.

p. 243. *for* Kirkcaldy (Munro St.) F. Braid, *read* Kirkcaldy (William St.) J. Page, since February 1934.

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BRITISH RAINFALL, 1935

PART I

THE WORK
OF THE
BRITISH RAINFALL ORGANIZATION

BRITISH RAINFALL, 1935.

PART I.

THE WORK OF THE BRITISH RAINFALL ORGANIZATION

THE STAFF OF OBSERVERS.

The detailed account of the rainfall of the year 1935 over the British Isles, which is presented in this volume, follows the lines of previous issues. The basis of the discussion is a collection of about 5,500 returns of rainfall measurements for the year received from all parts of the country. The measurements are generally made every day, but in inaccessible districts they may be made only once a week or even once a month. The Meteorological Office relies almost entirely on the returns contributed either by private persons, who measure the rainfall primarily as a matter of private interest, or by public local authorities, and especially the authorities of water undertakings, who find that a knowledge of the rainfall in their locality is indispensable to them in their work. These observers forward copies of their observations voluntarily for preservation by the British Rainfall Organization of the Meteorological Office as national records, and for use not only in the preparation of the annual volumes of *British Rainfall* but also for purposes of study and research. In this way records which are primarily of local interest acquire a national value which was not always realized by those who initiated them. To the numerous voluntary observers who forward their observations the Organization desires to acknowledge its indebtedness : it would be quite impossible to compile such an account as this without their assistance and goodwill.

In order to ensure, so far as possible, that the various records of rainfall summarized in the volume may be comparable with one another, the Organization issues to each observer and to anyone who is interested, a copy of a pamphlet entitled *Rules for Rainfall Observers*. This pamphlet was originally drawn up by the late Mr. G. J. Symons, F.R.S., founder of the Organization, and although it has been extensively revised since his time, yet the fundamental

rules laid down by him remain practically unaltered. A new edition was prepared and issued during 1934.

The total number of records printed in Part III of this volume is 5,522, an increase of 61 records over last year. As many as 321 additional records are included in the volume, while 260 records printed in *British Rainfall*, 1934, are no longer available. Details as to the numbers of records printed in earlier volumes are given in a separate table.

Rainfall records for 1935 and for earlier years have been received in a number of cases, including those at Edenbridge (Skeynes) in Kent since 1921 from Mr. B. Walmsley; Bovingdon, near Hemel Hempstead since 1923 from Mr. A. T. Collier; Torver (Greystones) to the south-west of Coniston since 1929 from Mr. J. C. Appleyard; Minstead (Furzey) in the New Forest since 1930 from Mr. B. H. Dalrymple; and Westbury since 1931 from the Surveyor and Water Engineer.

Changes in County boundaries. As a result of the 1929 Local Government Act, the boundaries of all Counties in England are at present being reviewed for the purpose of straightening out anomalies and abolishing detached areas. While these adjustments are likely to be numerous for some while to come, they are not likely to involve the transference of many rainfall stations from one county to another. No additional changes are indicated in the General Table in this volume. No changes have yet been made in the areas for each river basin and each county given in the General Table, Part III.

For assistance in the collection of the rainfall returns for the year we are especially indebted to officials of various local organizations, among whom may be mentioned:—Mr. C. P. Sinclair, of the Hertfordshire Natural History Society and Field Club; Mr. R. H. Primavesi, of the Northamptonshire Natural History Society; Col. H. C. Copeman, of the Norfolk Rainfall Organization; the Librarian at the Barnstaple Athenæum; Mr. A. P. Jenkin, of the Cornwall Rainfall Association; Mr. A. J. Jenkins, of Jersey; Miss Cordelia Marshall, of Ambleside; Mr. W. Dunbar, of Kilmarnock; Mr. E. W. M. Murphy, of the Irish Rainfall Association and Mr. F. B. Goodman (Engineer to the Somerset Rivers Catchment Board) Secretary of the Mid-Wessex Rainfall Association.

CHECKING OF RECORDS.—Every record of rainfall which is published in Part III of this volume goes through a process of examination before it is included in the table. This consists in the plotting of the monthly and annual totals of rainfall and of the annual numbers of rain-days and wet-days on large scale maps, of which all except the map of rain-days are reproduced in the volume on much reduced scales. Some details of the procedure are set out in *British Rainfall*, 1930, p. xv. The practice has been developed during recent years

of asking Engineers with a large number of rain-gauges under their control to forward copies of the readings monthly, so that the values can be plotted on the large scale maps and any apparent inconsistency investigated, while the weather is still within the recollection of the observer.

The engineers of the following water undertakings, etc., have co-operated in this arrangement :—Bath, Birmingham, Bolton, Bristol, Buxton, Derwent Valley, Macclesfield, Newport, Rhyl, River Dee Catchment Board, River Lee Conservancy Board, South Staffordshire, Stockport, the Tees Valley and Wakefield.

Another opportunity for critically examining the returns is afforded by the preparation of the Rainfall Survey. This examination is more exacting than that undertaken year by year, since the values are plotted on a map of a larger scale and since computed averages can be compared for stations in the same locality, which were not in operation at the same time. Much has been done in improving the accuracy of the future records by correspondence with those observers whose values have appeared inconsistent on the survey maps. In some cases gauges of standard patterns have been lent, and comparisons made with gauges which have been thought to be giving defective records.

In certain cases where a record has been found to be out of harmony with those from surrounding stations, and no explanation of the difficulty has been found after correspondence with the observer, the station has been inspected and the cause of the error ascertained.

AVERAGES PRINTED IN THE GENERAL TABLE OF BRITISH RAINFALL.—Since 1926 a column in the General Table has been devoted to the average annual rainfall at the various stations, and year by year additional values have been given. This information is supplied mainly by the Rainfall Survey which is being carried out for certain counties year by year. In the present volume, however, few additional averages are available.

Since 1930 a distinction has been made in the type, according as the average quoted is (a) the mean of the 35 years 1881 to 1915 or has been weighted in this Office to give a computed mean for that period and (b) the mean of a period of 20 years, or more, but unweighted, or computed outside this Office. It is intended to complete this column as the opportunity occurs.

INVESTIGATIONS.—Two articles are printed in Part IV of this volume. The first deals with the records of intense falls of rain in short periods. As a result of enquiries initiated some years ago by the Ministry of Health, in connection with the provisions to be made

British Rainfall, 1935, *compared with* 1934.
Number of Records Published.

	Gain.	Loss.	Difference.	Per cent. change in year.
England	245	192	+ 53	+1·4
Wales, etc.	24	18	+ 6	+1·2
Scotland	30	35	− 5	−0·6
Ireland	22	15	+ 7	+2·8
British Isles ..	321	260	+ 61	+1·1

Number of Rainfall Records Published in the Volumes of "British Rainfall" for the undermentioned Years.

Years.	England.	Wales, etc.	Scotland.	Ireland.	British Isles.	Change from previous year.	No. of Stations per 100 sq. mi.
1861 ..	333	9	109	20	471	+ 47	0·4
1871 ..	1038	88	311	67	1504	+ 5	1·2
1881 ..	1548	131	313	153	2145	+ 41	1·8
1891 ..	2091	168	359	181	2799	+ 23	2·3
1901 ..	2616	253	442	195	3506	+ 13	2·9
1911 ..	3705	397	701	271	5074	+198	4·2
1914 ..	3962	450	753	288	5453	+ 83	4·5
1919 ..	3419	436	766	277	4898	−101	4·1
1920 ..	3460	453	758	281	4952	+ 54	4·1
1921 ..	3577	446	784	271	5078	+126	4·2
1922 ..	3601	470	785	270	5126	+ 48	4·2
1923 ..	3406	442	754	262	4864	−262	4·0
1924 ..	3438	438	756	248	4880	+ 16	4·0
1925 ..	3437	439	750	259	4885	+ 5	4·0
1926 ..	3418	442	775	238	4873	− 12	4·0
1927 ..	3491	448	786	245	4970	+ 97	4·1
1928 ..	3585	441	791	251	5068	+ 98	4·2
1929 ..	3665	453	797	265	5180	+112	4·3
1930 ..	3765	455	834	262	5316	+136	4·4
1931 ..	3763	454	850	262	5329	+ 13	4·4
1932 ..	3798	474	860	251	5383	+ 54	4.5
1933 ..	3793	474	878	250	5395	+ 12	4·5
1934 ..	3846	491	874	250	5461	+ 66	4·5
1935 ..	3899	497	869	257	5522	+ 61	4.5
Difference from 1934	+53	+ 6	−5	+7	+61	.. ..	0·0

County.	Records in 1934.	Records Lost.	Records Gained.	Records in 1935.	Records per 100 sq. mi. of area.
ENGLAND.					
London	51	2	2	51	44
Surrey	210	10	15	215	30
Kent	184	10	10	184	12
Sussex	172	11	19	180	12
Hampshire ..	174	9	9	174	11
Berkshire ..	70	5	8	73	10
Middlesex ..	61	5	3	59	25
Hertfordshire	90	7	5	88	14
Buckinghamshire	50	3	1	48	7
Oxfordshire ..	58	1	1	58	8
Northampton ..	66	0	2	68	7
Huntingdonshire	7	0	0	7	2
Bedfordshire ..	26	1	3	28	6
Cambridgeshire	37	3	4	38	4
Essex	101	3	9	107	7
Suffolk ..	67	8	2	61	4
Norfolk ..	91	8	5	88	4
Wiltshire ..	72	1	5	76	6
Dorsetshire ..	95	5	6	96	10
South Devon ..	184	4	14	194	11
North Devon ..	41	1	1	41	5
Cornwall ..	92	6	3	89	7
Somersetshire ..	168	7	21	182	11
Gloucestershire	98	5	11	104	8
Herefordshire	46	7	3	42	5
Shropshire ..	50	5	3	48	4
Staffordshire	71	6	6	71	6
Worcestershire	61	1	2	62	8
Warwickshire	57	0	2	59	7
Leicestershire	42	3	3	42	5
Rutlandshire ..	2	0	1	3	2
Lincolnshire ..	66	3	3	66	3
Nottinghamshire	58	2	3	59	7
Derbyshire ..	94	3	8	99	10
Cheshire ..	95	4	5	96	9
South Lancs. ..	126	3	9	132	19
Central Lancs. .	79	2	1	78	15
North Lancs. ..	52	4	6	54	9
Yorkshire, W.R.	330	12	11	329	12
Yorkshire, E.R.	26	3	3	26	2
Yorkshire, N.R.	91	2	8	97	5
Durham	55	4	1	52	5
Northumberland	43	4	1	40	2
Cumberland ..	60	6	5	59	4
Westmorland ..	77	3	2	76	10
MONMOUTH, WALES, ETC.					
Monmouth ..	34	1	0	33	6
Glamorgan ..	66	0	5	71	9
Carmarthen ..	18	1	0	17	1·8
Pembroke ..	14	3	0	11	1·8
Cardigan ..	20	0	2	22	3
Brecon	86	5	2	83	11
Radnor	25	1	1	25	5
Montgomery ..	25	0	2	27	3
Flint	21	1	1	21	8
Denbigh	49	1	0	48	7
Merioneth ..	27	0	6	33	5
Carnarvon ..	57	2	0	55	10
Anglesey ..	16	0	1	17	6
Isle of Man ..	7	0	1	8	4
Channel Islands	26	3	3	26	34
SCOTLAND.					
Wigtown ..	13	0	0	13	3
Kirkcudbright	26	0	4	30	3
Dumfries ..	18	3	2	17	1·6
Roxburgh ..	15	1	1	15	2
Selkirk ..	4	1	0	3	1·1
Peebles ..	13	0	0	13	4
Berwick ..	12	0	1	13	3
E. Lothian ..	11	0	2	13	5
Midlothian ..	37	0	0	37	10
W. Lothian ..	16	0	0	16	13
Lanark	52	1	0	51	6
Ayr	100	4	1	97	9
Renfrew ..	41	2	0	39	16
Dumbarton ..	28	0	1	29	11
Stirling	47	3	1	45	10
Bute	7	0	0	7	3
Argyll	63	3	3	63	2
Clackmannan ..	6	0	0	6	11
Kinross	6	0	0	6	8
Fife	34	2	0	32	6
Perth	68	3	5	70	3
Angus	43	2	1	42	5
Kincardine ..	12	0	1	13	3
Aberdeen ..	38	1	0	37	1·9
Banff	10	1	1	10	1·6
Moray	15	0	0	15	3
Nairn	8	0	0	8	5
Inverness ..	70	5	6	71	1·7
Ross & Cromarty	27	2	0	25	·8
Sutherland ..	8	1	0	7	·3
Caithness ..	10	0	0	10	1·4
Orkney	11	0	0	11	3
Shetland ..	5	0	0	5	·9
IRELAND.					
Cork	19	1	3	21	·7
Kerry	11	0	1	12	·6
Waterford ..	4	0	2	6	·8
Tipperary ..	10	1	0	9	·5
Limerick ..	9	1	0	8	·8
Clare	5	0	1	6	·5
Wexford ..	4	0	1	5	·6
Kilkenny ..	3	0	0	3	·4
Wicklow ..	9	2	1	8	1·0
Carlow	3	0	0	3	·9
Leix	3	1	0	2	·3
Offaly	7	0	0	7	·9
Kildare	5	0	0	5	·8
Dublin	26	0	0	26	7
Meath	8	2	0	6	·7
Westmeath ..	6	0	0	6	·8
Louth	3	1	0	2	·6
Longford ..	6	0	0	6	1·4
Galway	11	1	1	11	·5
Roscommon ..	3	0	1	4	·4
Mayo	8	0	1	9	·4
Sligo	2	0	0	2	·3
Leitrim	2	0	3	5	·8
Cavan	3	1	0	2	·3
Fermanagh ..	9	1	0	8	1·1
Monaghan ..	0	0	0	0	·0
Armagh	6	1	3	8	1·6
Down	17	0	0	17	1·8
Antrim	19	1	1	19	1·6
Londonderry ..	17	1	1	17	2
Tyrone	5	0	0	5	·4
Donegal ..	7	0	2	9	·5

for the disposal of flood water in towns, statistics from certain recording rain-gauges were collected in a systematic manner and published in Table XVI of *British Rainfall*. This type of information was first published in *British Rainfall*, 1925. A summary of the data then available was published in an article, entitled " Heavy Falls in Short Periods (two hours or less)," in the *Quarterly Journal of the Royal Meteorological Society*, 1931. The article in Part IV of this volume carries the investigation a stage further and introduces new curves for the classification of intense falls to be adopted in Section 6 of *British Rainfall*, 1936. The subject was also dealt with in an article entitled " The Incidence of Intense Rainfall as shown by Autographic Records," published in *Water and Water Engineering*, for December, 1935.

The second article deals with the great Northamptonshire hailstorm of September 22nd, 1935, which was remarkable both for the destructive effects of the hailstones and for their exceptional size.

INSPECTIONS.—Some progress was made during the year with the inspection of the stations included in the General Table. It was only possible to inspect about 70 stations, exclusive of Climatological stations and other stations reporting general meteorological observations. The stations inspected were mainly in the neighbourhood of London and in the English Lake District.

SURVEY MAPS.—The work on the detailed average annual rainfall map of the British Isles on the scale of two miles to the inch, for the period 1881–1915, has been continued, but progress has been mainly restricted to certain areas in Scotland. In drawing these maps all the available information is used, averages for stations with short records being weighted to the standard period 1881 to 1915 by comparison with nearby stations with complete records. The averages so computed are included in Part III of *British Rainfall*. Reduced copies of specimen maps and a description of the method used in their preparation are given in articles published in Part IV of *British Rainfall* 1928 and 1929.

In drawing these maps the isohyetal lines are naturally somewhat generalised, and if attention is directed to any small area some amplification of the lines there may prove necessary. Moreover, additional records are always being accumulated so that slight modifications in the lines may subsequently prove necessary.

Little progress with this work has been possible during the year.

INQUIRIES.—A large number of inquiries regarding the rainfall of various parts of the country was dealt with.

These enquiries cover a wide range. They include the supply of records defining the rainfall experienced in some locality for a specified period, the supply of estimates of the average annual or monthly

rainfall for specified places or over certain areas, and advice as to the most suitable instruments and the best exposures for the rain-gauges. Amongst the reports supplied reference may be made to those for the Advisory Committee of the Ministry of Health on Compensation Water, the Hydrological Committee of the Institution of Water Engineers and the Dublin Electricity Supply Board (Shannon Hydrometric Survey).

Information has been supplied monthly to the following catchment boards :—Rivers Mersey and Irwell, the River Avon (Bristol), the Cheshire Rivers and the Humber Conservancy. Information has also been supplied monthly to the Lincolnshire Sugar Co., Ltd., the Community Council of Kent (Sevenoaks), and the Referees of the Stockport Water Bill.

Reports were supplied monthly to the Metropolitan Water Board and to the Thames Conservancy.

OBITUARY.—During the twelve months 1st July, 1935, to 30th June, 1936, reports have been received of the deaths of 76 observers who have contributed to volumes of *British Rainfall.* Of these 24 have kept rainfall records, or been associated with relatives who have kept records for 30 years or more. A list of these is given below. In most cases the records have been maintained throughout by the same observer.

Name.	Last place of observation.	No. of years' records.
Ven. Archdeacon Hornby ..	St. Michael's-on-Wye, Lancashire..	59
Rev. W. Brewster	Shrewsbury, Shropshire	56
J. M. Sturgess	Penshurst, Kent	45
Lady Jenkyns	Botley, Hampshire	45
F. Ranson	Hitchin, Hertfordshire	44
R. Rhodes	Kendal, Westmorland	44
Rev. H. I. Kilner	Bury St. Edmunds, Suffolk ..	38
E. H. Perkins, F.R. Met. Soc...	Llandyssul, Cardiganshire ..	38
Dr. L. M. Bowen-Jones ..	Carmarthen, Carmarthenshire ..	37
A. C. G. Heygate	Milford-on-Sea, Hampshire ..	36
R. Bentley	Slough, Berkshire	36
T. S. Matthews	Sporle, Norfolk	35
P. T. Gardener	Conington, Cambridgeshire ..	35
G. G. Wordsworth	Rydal, Westmorland	34
Rev. Canon W. Morgan ..	Bethesda, Carnarvonshire ..	34
F. J. Kitson	Leeds, Yorkshire	34
A. Mackenzie	Ardclach, Nairn	33
P. D. Williams	St. Keverne, Cornwall	32
H. D. Badcock	Ottery St. Mary, Devonshire ..	32
W. J. Griffith	Nantlle, Carnarvonshire	32
H. W. Clinton Baker ..	Hertford, Hertfordshire	31
G. B. Kershaw	Wrotham Heath, Kent	31
R. Long	Shefford, Bedfordshire	31
J. Walker Tyacke	Helston, Cornwall	30

BRITISH RAINFALL, 1935

PART II

RAINFALL AND METEOROLOGY

1935

1. A BRIEF SUMMARY OF THE RAINFALL OF THE YEAR, 1935.

The rainfall of 1935 over the British Isles as a whole was 109 per cent. of the average. Thus the remarkable run of wet years, which commenced in 1923 and lapsed only in 1933 and 1934, was continued. A comparison of the rainfall of the six years 1930 to 1935 is set out below.

Annual Rainfall as per cent. of average, 1881–1915.

	1930	1931	1932	1933	1934	1935
	%	%	%	%	%	%
England and Wales ..	117	109	103	81	95	113
Scotland	109	104	108	80	110	108
Ireland	116	111	95	77	105	98
British Isles	115	109	102	80	100	109

Over England and Wales 1935 ranks as the wettest year since 1930, but over both Scotland and Ireland the previous year was wetter.

The main features of the map showing the distribution of the rainfall as a percentage of the average were the area in the south of Ireland with less than 90 per cent. and that from Bath to Hastings with more than 130 per cent. In the latter area a few isolated stations recorded as much as 140 per cent. The large totals recorded in the south of England were due more especially to the frequent rains in February, April, September, October and November as well as the thunderstorm rains of certain days in June.

There was a regular alternation of dry and wet months from November, 1934 until July, 1935, but the sequence was broken when August was similar to July in giving less than the average. The total rainfall over the British Isles up to the end of August was 23·0 inches or 2·2 inches short of the average, but the following three months, September, October and November, were unusually wet and contributed 18·1 inches or over 40 per cent. of the total rainfall for the whole year.

October was the wettest month of the year over Wales and Scotland, November over England and September over Ireland. July ranked as the driest month over England and Wales and May over Scotland and Ireland. Over the British Isles generally September 1935 was wetter than other Septembers in the series back to 1870, apart from those of 1927, 1918 and 1896. On the other hand, May, 1935 was remarkable in that it was the driest May since those of 1895 and 1896.

The year was remarkable for frequent and persistent rains, rather than for the number of falls exceeding $2\frac{1}{2}$ inches on one day experienced during the year. The largest fall was that of 6·16 inches recorded at Dungeon Ghyll, to the west of Ambleside on February 15th. Mention should also be made of the widespread thunderstorm rains of June 23rd and 25th. Those of the 23rd were especially remarkable in Perthshire and Carnarvonshire (as much as 5·54 inches being recorded at Glynllivon Gardens, some 5 miles to the south of Carnarvon). Those of the 25th were remarkable at a number of places over the southern half of England, especially at Bath. As much as 5·00 inches was recorded for that day at Great Chalfield, between Melksham and Bradford-on-Avon. Of the details of more persistent rains reference may be made to the following :—

17·01 inches for the 15 days February 10th to 24th at Borrowdale (The Moraine) in Cumberland.

At Tenterden in Kent the total for the 8 days, February 20th to 27th was 3·97 inches, or twice the average for the whole month.

At Glenquoich, in the Western Highlands, the total for the 8 days, October 13th to 20th, was 12·50 inches.

The numbers of droughts recorded during the year closely approximate to the average. The numbers of rain spells and wet spells are less than usual, and this can be accounted for by the few recorded during December, a month during which they are usually frequent in the western half of the country.

2. THE DISTRIBUTION OF RAINFALL IN TIME. THE NUMBER OF RAIN-DAYS AND WET-DAYS IN 1935.

The following definitions have been used in *British Rainfall* in order to obtain a homogeneous series of statistics :—

A *rain-day* is a period of 24 hours, commencing normally at 9 a.m., on which ·01 inch, or 0·2 mm. or more of rain is recorded.

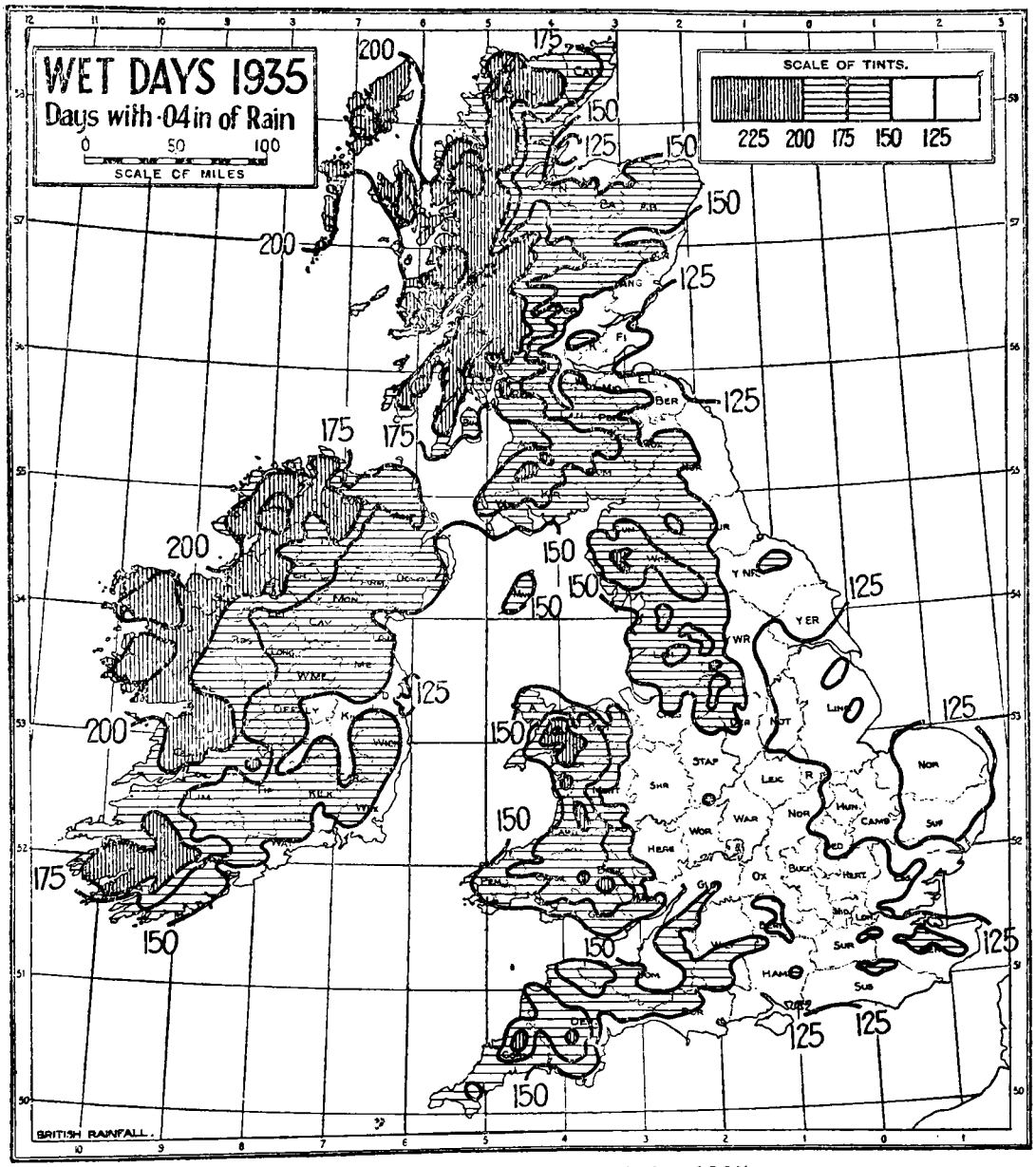
A *wet-day* is a period of 24 hours, commencing normally at 9 a.m., on which ·04 inch, or 1·0 mm. or more of rain is recorded.

The former definition dates from the year 1865, the latter was adopted only about 1917. Each of the terms " rain-day " and " wet-day " is open to criticism, the latter particularly so, since it has a different meaning in ordinary use. It must, therefore, be understood that whenever these terms are used in this publication the meanings set out above are always to be attached to them.

For reasons which are set out in detail in the article entitled " The distribution over the British Isles in time and space of the annual number of days with rain," in *British Rainfall*, 1926, there is frequently a lack of harmony in the annual values at adjacent stations. Statistics of wet-days are found to be much more consistent than those for rain-days. It was this reason, coupled with the fact that similar data are published for certain other countries of Europe, which led to the introduction of statistics of wet-days. The satisfactory mapping of the annual values of rain-days has always presented considerable difficulties, whereas the values of wet-days have proved sufficiently consistent to enable the distribution to be defined. Maps showing the distribution of wet-days have been included in *British Rainfall* since 1919. The experience gained in drawing these maps of wet-days annually has been utilised in interpreting the average values of rain-days as recorded at certain stations during the period 1881 to 1915. Maps showing the distribution of annual and monthly average number of rain-days over the country were published in the Quarterly Journal of the Royal Meteorological Society, 1928, pp. 89–101, but similar maps of wet-days have not yet been prepared.

Information as to the number of rain-days and wet-days during the year is set out in this volume in various forms. As usual, the General Table of rainfall in Part III of this volume shows the number of rain-days and wet-days in 1935 as reported from each station at which

daily observations were made. The number of wet-days have been plotted on a large map of which the illustration on p. 6 is a reduced copy. The distribution of the numbers is shown on the map in the usual manner.



Number of "Wet Days" in 1935.

In order to study the distribution of rain-days and wet-days throughout the year, 100 stations have been selected to represent as uniformly as possible the conditions over the whole of the British Isles. The stations are the same as those used last year except that Oxford (Radcliffe Observatory), Sandringham House Gardens and

Scarborough have been used instead of Upton (Manor House), Sporle and Filey Vicarage. The number of rain-days and wet-days for each month, as well as for the whole year, have been extracted from the returns from the 100 stations and printed in Table V. Monthly general numbers (for England and Wales, Scotland, Ireland and for the British Isles) have been worked from these data and they are shown in the table in heavy type. The annual mean values for 1935 are shown again in Tables I and III and the monthly mean values for 1935 in Tables II and IV, where in each case they can be readily compared with similar values for the intervening years from 1917; and with the averages. In the case of rain-days averages are available for the standard period 1881 to 1915, but for wet-days the averages cover only the period 1917 to 1935.

The distribution of the annual number of wet-days during 1935, as shown on the map on the previous page, is very similar to that for earlier years. As in all the other maps there is a steady increase in the number of wet-days from the south-east to the north-west of the British Isles and from the plains of the east coast to the mountainous regions of the west. In 1935 the number varied from 110 at Skegness, 111 at Felixstowe and 112 at Dovercourt to 225 over a number of areas in the mountainous regions in the north-west of Scotland and of Ireland, with as many as 248 at Delphi Lodge in Connemara. Stations reporting less than 125 wet-days were confined to parts of the south-east of England between the Thames and Humber, the neighbourhood of Reading and Littlehampton, to the east coast between Berwick-on-Tweed and Montrose, the neighbourhood of the Moray Firth and near Dublin. As many as 200 wet-days were reported from large areas in the north-west of Scotland, the north-west and west of Ireland, as well as from the mountainous districts of Dartmoor, Bodmin Moor, Wales, the English Lake District and the Southern Uplands of Scotland.

The total number of rain-days varied from rather less than 150 between Southminster and Harwich, to over 260 in parts of the Islands of Skye and Mull, on Ben Nevis and parts of Inverness-shire, Ross-shire and Sutherlandshire and in Connemara.

The general values given in Table III indicate that the frequency of wet-days was close to the average for the period 1917 to 1935. The number for 1935 was seven more for England and Wales, five less for Scotland, one less for Ireland and two more than the average for the British Isles as a whole.

It should be emphasized that in the case of wet-days comparable statistics are only available back to 1917, and the averages used for comparison are for the period 1917 to 1935, which includes mainly wet years. The averages are therefore greater than they would have been if statistics covering the standard period 1881 to 1915 were

available. This fact is brought out by Table I, which shows that the mean annual number of rain-days during 1917 to 1935 was 210 or six more than the average for the standard period 1881 to 1915.

The number of wet-days over the British Isles in each month is given in Table IV. The numbers vary from 6 in May to 20 in October. The general number in May of 6 was 6 less than the average and smaller than that for any other May since before 1917. October, with 20 wet-days, gave 5 more than the average for that month but as many as 20 was also recorded as recently as the Octobers of both 1932 and 1930. January gave 5 less wet-days than the average and both May and July 6 less than the average numbers. On the other hand there were 6 more than the average in June, so that for the three summer months, May, June and July the total number was 6 below the average. Each of the three months September, October and November gave 5 more wet-days than the average, the total for this period being 57 compared with an average of 42.

In dealing with the general numbers of rain-days, given in Tables I and II, it is possible to compare the values for 1935 with computed averages for the 35 years, 1881 to 1915. It is shown in Table I that over the British Isles as a whole there were 208 rain-days or four more than the average number. The number of rain-days was seven more than the average over England and Wales, one more over Scotland and three more over Ireland. The number of rain-days experienced during 1935 was therefore close to the average but slightly in excess in all countries especially in England and Wales.

The number of rain-days over the British Isles in each month is given in Table II. The range is from 8 in May (7 less than the average) to 24 in October (5 more than the average). The number of rain-days recorded in May, 1935 was less than that in any May since before 1917. On the other hand June, 1935 with 21 exceeded that in any June since 1917. The numbers in July and August of 11 and 13 respectively equalled in each case the previous lowest values. The small number in March, *viz.*, 12, or 6 less than the average is worthy of comment. The main features of the incidence of rain-days during 1935 were the small number during the four months May to August, *viz.*, 53, compared with an average of 62, and the large number during the three months September to November, *viz.*, 69, compared with an average of 53.

During the year the total number of rain-days over the British Isles was 208; of these, 163 received sufficient rain to rank as wet-days. There were five more rain-days than wet-days in January but only two in May; March and August gave three more and the remaining months of the year four more.

None of the 100 selected stations failed to record a rain-day during any calendar month of 1935. Only 2 rain-days were recorded

at Horncastle in July and 3 at Shoeburyness in March. A few stations in the southern half of England recorded only 4 or 5 rain-days in either March, May or July and in the south-east of Scotland in May. Entries of less than 10 rain-days occurred only in January, March, May, July and August. Only one wet-day was recorded at Lympne Airport in Kent, in March, at Horncastle in May and at Holne, Horncastle and Ross-on-Wye in July. In addition to the five months enumerated above during which some stations recorded less than 10 rain-days, less than 10 wet-days also occurred in February at a few isolated stations, in April at Leuchars and at three stations in Scotland in December.

Some rain fell on every day during October at seven stations representing parts of Dartmoor, South Wales, the Western Highlands of Scotland and the north of Ireland. The total number of rain-days for the three months September to November recorded at Lampeter and Treherbert was 81. Table XI of Section 4 shows that at these stations rain fell on each of 51 and 57 consecutive days respectively. No station recorded a wet-day on every day of a month, but as many as 30 wet-days were recorded at Skye (Portree) in October.

Table I.—*Annual General Number of Rain-days (Days with ·01 in. or more) in 1917-1935, compared with Average, 1881-1915*†.

Year.	England and Wales. Average 188.			Scotland. Average 217.			Ireland. Average 220.			British Isles. Average 204.		
	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.
1917	185	− 3	98	217	0	100	224	+ 4	102	203	− 1	100
1918	200	+ 12	106	226	+ 9	104	227	+ 7	103	214	+ 10	105
1919	191	+ 3	102	214	− 3	99	213	− 7	97	203	− 1	100
1920	203	+ 15	108	232	+ 15	107	243	+ 23	110	220	+ 16	108
1921	158	− 30	84	224	+ 7	103	217	− 3	99	190	− 14	93
1922	196	+ 8	104	234	+ 17	108	226	+ 6	103	214	+ 10	105
1923	216	+ 28	115	257	+ 40	118	253	+ 33	115	236	+ 32	116
1924	202	+ 14	107	237	+ 20	109	248	+ 28	113	223	+ 19	109
1925	192	+ 4	102	231	+ 14	106	230	+ 10	105	212	+ 8	104
1926	192	+ 4	102	234	+ 17	108	226	+ 6	103	211	+ 7	103
1927	208	+ 20	111	233	+ 16	107	238	+ 18	108	223	+ 19	109
1928	204	+ 16	109	240	+ 23	111	247	+ 27	112	225	+ 21	110
1929	165	− 23	88	217	0	100	218	− 2	99	192	− 12	94
1930	207	+ 19	110	223	+ 6	103	232	+ 12	105	217	+ 13	107
1931	199	+ 11	106	233	+ 16	107	235	+ 15	107	217	+ 13	106
1932	190	+ 2	101	219	+ 2	101	214	− 6	97	204	0	100
1933	162	− 26	86	193	− 24	89	191	− 29	87	177	− 27	87
1934	187	− 1	99	229	+ 12	106	232	+ 12	106	209	+ 5	103
1935	195	+ 7	104	218	+ 1	100	223	+ 3	101	208	+ 4	102

† The averages for the period 1881–1915 are based on the records from about 100 stations distributed as evenly as possible over the country. The selection of stations is described in an article in *British Rainfall*, 1926, p. 267, and the general number of rain-days in each year from 1881 will be found in Table I of that article.

Table II.—*Monthly General Number of Rain-days (days with ·01 in. or more) in 1917 to 1935, British Isles, with Average, 1881-1915*‡.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1917 ..	15	12	19	16	13	14	12	23	17	25	20	17	203
1918 ..	20	20	12	12	13	13	19	17	25	22	16	25	214
1919 ..	23	12	20	18	11	16	11	16	16	14	20	26	203
1920 ..	24	17	21	23	19	13	24	13	17	13	16	20	220
1921 ..	25	9	23	11	17	7	12	20	11	16	16	23	190
1922 ..	24	20	17	18	13	15	21	19	17	12	16	22	214
1923 ..	22	24	15	17	19	13	18	21	20	25	19	23	236
1924 ..	22	15	10	16	23	17	20	23	20	19	16	22	223
1925 ..	18	23	16	19	23	5	16	17	21	19	15	20	212
1926 ..	24	20	14	17	19	14	14	17	16	17	24	15	211
1927 ..	23	16	21	18	12	20	18	21	22	17	21	14	223
1928 ..	27	17	21	16	11	20	14	19	12	23	23	22	225
1929 ..	14	14	5	13	14	15	14	21	11	22	23	26	192
1930 ..	23	9	19	16	15	12	18	23	18	24	19	21	217
1931 ..	22	22	11	19	19	18	22	15	14	15	22	18	217
1932 ..	19	7	15	22	21	7	20	13	20	25	17	18	204
1933 ..	16	18	16	12	17	12	16	14	9	19	15	13	177
1934 ..	21	8	20	19	14	12	13	19	18	23	15	27	209
1935 ..	16	20	12	19	8	21	11	13	22	24	23	19	208
Average	19	17	18	15	15	14	16	17	15	19	19	20	204

‡ The average general values for England and Wales, Scotland and Ireland separately are given in *British Rainfall*, 1927, p. 7, and are discussed in an article on *The Distribution over the British Isles of the average number of days with rain during each month of the year.*—Q.J.R. Meteor. Soc. Vol. 54, 1928.

Table III.—*Annual General Number of Wet-days (Days with ·04 in. or more) in 1917 to 1935, with Average.*

	England and Wales.	Scotland.	Ireland.	British Isles.
1917	134	174	176	155
1918	150	182	188	168
1919	143	172	171	158
1920	151	185	197	171
1921	110	177	166	142
1922	146	181	178	163
1923	159	206	198	182
1924	154	184	199	173
1925	143	179	180	162
1926	141	184	173	161
1927	156	184	185	171
1928	151	193	200	175
1929	121	170	170	147
1930	155	174	186	168
1931	145	180	182	163
1932	136	168	165	152
1933	115	145	142	130
1934	137	183	182	160
1935	149	174	177	163
Average 1917-35	142	179	180	161

Table IV.—*Monthly General Number of Wet-days (Days with ·04 in. or more) in 1917 to 1935, British Isles, with Average.*

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1917 ..	11	8	14	13	10	10	9	20	12	21	15	12	155
1918 ..	15	17	9	9	10	9	15	12	22	16	13	21	168
1919 ..	19	9	15	14	8	12	8	12	13	11	15	22	158
1920 ..	20	13	17	19	15	10	19	9	13	9	12	15	171
1921 ..	20	5	17	8	13	5	10	15	7	12	12	18	142
1922 ..	20	16	13	14	9	11	16	15	13	8	11	17	163
1923 ..	15	20	11	13	14	8	13	17	16	21	16	18	182
1924 ..	17	9	7	12	19	13	17	18	16	15	12	18	173
1925 ..	14	19	11	15	18	3	12	13	15	14	12	16	162
1926 ..	20	15	9	12	15	11	11	13	12	14	19	10	161
1927 ..	19	13	17	13	8	16	13	17	17	13	15	10	171
1928 ..	23	13	16	11	8	16	10	15	9	19	18	17	175
1929 ..	9	10	3	8	11	11	11	16	8	17	20	23	147
1930 ..	19	5	14	12	11	9	14	18	14	20	16	16	168
1931 ..	17	18	7	14	15	14	17	11	9	11	18	12	163
1932 ..	15	3	11	18	15	5	16	9	15	20	12	13	152
1933 ..	12	14	13	9	12	10	12	10	6	14	10	8	130
1934 ..	16	4	16	14	11	9	10	15	15	18	10	22	160
1935 ..	11	16	9	15	6	17	7	10	18	20	19	15	163
Average 1917-35	16	12	12	13	12	11	13	14	13	15	14	16	161

Table V.—*Number of "Rain-days" (·01 in. or more) and of "Wet-days" (·04 in. or more) in* 1935.

County and River Division.	Station.	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sep.		Oct.		Nov.		Dec.		Year.		Total Rainfall.
ENGLAND AND WALES.																												in.
London 2	St. Pancras (Camden Square)	13	8	15	11	7	3	22	16	9	7	19	16	4	4	6	6	20	18	13	10	18	16	19	15	165	130	25·55
Kent 2	Lympne (Airport)	19	14	18	13	7	1	21	17	11	7	17	13	5	3	12	9	20	14	19	14	24	19	20	14	193	138	35·08
Sussex 3	Patcham (Brighton W.W.) ...	13	7	18	16	6	4	17	16	10	4	17	12	5	5	10	9	21	18	18	13	23	19	19	14	177	137	42·71
Hampshire .1	Ventnor (Royal National Hos.)	9	6	18	13	10	7	17	14	11	6	18	14	4	2	12	10	22	18	25	16	21	17	18	17	185	140	39·02
Hampshire..7	Selborne (The Wakes)	12	6	21	14	11	6	21	16	9	7	22	16	6	5	13	8	23	19	19	13	26	19	19	12	202	141	45·50
Oxford 3	Oxford (Radcliffe Obs.).....	7	4	16	12	9	4	18	16	10	9	21	16	6	5	7	5	21	17	19	11	23	17	21	15	178	131	30·30
Northants ..4	Wellingborough (Swanspool)..	15	6	18	10	9	4	20	18	8	5	20	17	8	4	7	6	20	14	15	13	23	18	20	15	183	130	27·79
Northants ..4	Peterborough (Abbeyfields) ..	15	12	14	9	9	5	19	12	8	5	20	17	5	5	9	6	17	13	16	11	25	14	18	12	175	121	22·46
Cambridge .2	Cambridge (Botanic Gardens).	13	10	13	11	5	4	19	15	6	5	14	12	5	5	5	5	19	15	13	10	21	16	17	11	150	119	23·41
Essex 3	Shoeburyness (Great Wakering)	11	8	17	12	3	2	17	12	11	7	18	12	5	4	10	7	15	13	18	10	21	15	21	12	167	114	19·90
Suffolk 2	Haughley (Haughley House) .	17	9	16	13	10	3	19	15	8	7	19	16	5	4	6	4	16	10	16	13	23	15	20	13	175	122	25·71
Norfolk 1	Gorleston (C. Guard Stn.)	19	15	17	13	9	6	19	15	8	5	15	13	5	4	9	7	15	13	17	14	21	16	18	12	172	133	24·79
Norfolk 3	Sandringham House Gdns. ...	19	14	15	13	8	6	26	22	5	5	19	17	5	2	12	9	16	16	16	14	24	21	19	15	184	154	26·76
Wiltshire ...3	Larkhill (Sch. of Artillery) ...	9	6	17	12	10	6	18	18	10	8	18	15	4	4	9	5	23	20	16	10	22	16	16	13	172	133	34·63
Dorsetshire .3	Poole	9	6	17	12	9	6	19	16	11	5	20	14	6	3	11	7	22	17	19	11	23	20	18	14	184	131	39·48
South Devon4	Holne (Church Park Cottage).	7	7	23	20	9	7	20	18	13	10	22	20	6	1	12	9	25	23	26	20	25	20	23	17	211	172	69·17
North Devon2	Barnstaple (N.Dev.Athenæum)	13	7	24	15	18	7	25	18	15	9	22	16	12	6	13	9	25	19	30	24	28	21	24	19	249	170	40·89
North Devon3	Okehampton (Uplands).....	11	8	23	21	9	7	21	20	11	11	19	17	12	8	11	10	24	21	31	26	25	20	24	20	221	189	61·14
Cornwall ...2	St. Austell (Trevarna)	14	11	21	18	13	8	22	19	8	8	19	15	11	6	14	11	24	24	28	22	24	23	22	20	220	185	50·40
Somerset ...1	Bath (Henrietta Park)	9	8	18	13	9	8	18	17	13	10	21	17	4	3	9	6	23	20	20	16	24	18	17	16	185	152	39·72
Somerset ...3	Angersleigh (Leigh Court)	8	5	22	16	10	9	20	19	11	9	19	13	4	3	10	8	24	19	24	16	24	19	21	17	197	153	41·33
Hereford ...1	Ross-on-Wye	10	5	15	9	9	3	19	17	9	7	19	14	6	1	9	8	19	17	17	13	21	17	19	15	172	126	29·00
Shropshire ..3	Bishops Castle (The Vicarage)	11	6	13	11	8	5	23	18	9	7	19	17	6	6	7	4	18	17	19	16	24	19	20	18	177	144	31·54
Shropshire ..4	Shifnal (Hatton Grange).....	15	6	19	10	12	7	21	16	10	4	21	14	7	6	7	6	21	17	19	15	26	22	23	14	201	137	26·97
Staffs.....5	Mayfield.....	14	7	20	12	11	6	17	16	6	6	18	15	10	8	9	5	22	16	23	18	22	20	22	17	194	146	37·02

Table V.—*Number of "Rain-days" (·01 in. or more) and of "Wet-days" (·04 in. or more) in* 1935.—*(con.).*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
ENGLAND AND WALES—*(con.)*															in.
Warwick ...1	Warwick Castle Gardens	9 4	17 13	8 5	18 17	10 8	18 15	5 4	5 4	21 19	21 16	21 17	17 14	170 136	28·88
Leicester ...4	Leicester (Stoughton Drive)..	12 7	18 13	10 7	20 17	8 6	20 17	9 4	8 4	22 15	22 16	25 19	19 18	193 143	28·96
Lincoln 3	Horncastle	19 11	18 11	9 4	19 15	4 1	18 12	2 1	8 7	18 12	19 13	25 17	18 12	177 116	25·04
Nottingham.5	Worksop (Hodsock)	15 10	17 9	12 6	20 13	6 5	17 14	9 3	6 4	14 11	21 14	21 17	20 12	178 118	24·73
Cheshire ...2	Northwich (Hunts Lock).....	14 8	19 14	10 8	17 14	8 7	21 21	9 8	8 6	24 18	23 20	24 17	19 15	196 156	32·35
North Lancs.5	Blackpool (Met. Observatory).	18 10	23 16	10 7	16 14	7 5	19 16	7 5	11 7	21 17	22 18	24 21	18 16	196 152	34·98
Yorks. W.R.8	Meltham (Harewood Lodge) ..	23 11	20 17	12 9	20 17	6 5	23 20	13 9	8 3	21 20	27 21	27 23	21 18	221 173	56·17
Yorks. E.R..3	Hull (Pearson Park)	18 13	17 11	10 6	15 12	5 4	17 12	4 2	7 6	16 11	16 13	19 18	15 12	159 120	26·06
Yorks. N.R..1	West Witton (Ivy House).....	12 9	20 17	11 7	17 15	7 5	23 18	7 6	11 7	18 15	25 20	27 21	17 11	195 151	37·39
Yorks. N.R. 2	Felixkirk (Mount St. John) ..	20 11	17 11	10 7	15 14	6 6	20 15	7 5	10 8	17 14	20 14	27 22	17 14	186 141	34·41
Yorks. N.R..5	Scarborough	22 16	19 13	12 6	17 15	7 6	15 13	5 3	9 4	17 14	19 16	21 17	18 15	181 138	27·69
Durham ...2	Sunderland (W. Hendon Ho.).	19 14	19 12	12 7	19 13	8 5	21 15	6 5	10 6	15 10	20 15	24 16	19 15	192 133	29·98
North'land..6	Ilderton (Lilburn Tower Gdns.)	16 10	19 9	12 7	21 16	6 4	23 17	10 5	12 8	22 13	24 17	22 15	18 12	205 133	31·98
Cumberland.1	Geltsdale	17 12	20 19	15 9	16 13	5 3	24 22	17 13	13 9	19 17	26 25	26 16	19 15	217 173	38·79
Westm'land.2	Grasmere (The Wray).....	13 10	25 22	13 11	18 17	5 4	25 21	14 10	16 13	22 21	27 22	28 23	18 17	224 191	98·33
Glamorgan..6	Treherbert (Tyn-y-waun).....	15 11	23 23	13 8	20 19	10 6	24 21	12 10	13 8	24 23	31 26	26 22	20 16	231 193	94·54
Carmarthen.2	Carmarthen (The Friary).....	15 9	22 17	10 7	19 18	12 6	25 20	10 5	12 9	24 22	29 24	24 20	19 16	221 173	47·53
Cardigan ...3	Lampeter (Falcondale).....	17 13	22 18	9 8	20 20	10 8	24 19	10 6	12 8	25 21	31 27	25 23	20 20	225 191	56·65
Radnor 1	BirminghamWW (Tyrmynydd)	18 10	24 21	12 7	22 22	11 7	25 19	10 7	13 9	23 21	29 23	26 25	20 19	233 190	70·68
Denbigh ...2	Denbigh (Garn)	15 10	23 15	9 5	19 19	8 7	19 16	11 6	9 8	19 17	28 22	27 19	21 18	208 162	38·21
Merioneth ..4	Dolgelley (Bontddu)	17 13	22 21	12 8	21 20	7 7	26 23	15 12	12 8	22 20	29 26	26 21	20 18	229 197	66·83
Anglesey	Llanerchymedd (Ll'diarth Es.)	19 15	26 22	12 8	17 14	9 8	25 23	6 4	10 8	19 18	30 25	28 23	17 17	218 185	40·97
England and Wales	**(Mean of 47 Stations)**.....	**14 9**	**19 15**	**10 6**	**19 17**	**9 6**	**20 16**	**8 5**	**10 7**	**21 17**	**22 17**	**24 19**	**19 15**	**195 149**	**39·61**

Table V.—*Number of "Rain-days" (·01 in. or more) and of "Wet-days" (·04 in. or more) in 1935.—(con.).*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rainfall.
ISLE OF MAN.															in.
Isle of Man ..	Douglas (Borough Cemetery) ..	17 14	22 19	12 8	17 15	8 5	22 18	10 6	11 7	17 14	26 21	23 18	19 17	204 162	42·55
CHANNEL ISLANDS.															
Guernsey	St. Peter Port (Grange Road).	9 7	21 17	10 9	19 17	11 9	18 14	11 6	10 8	22 18	25 18	25 22	24 23	205 168	43·32
SCOTLAND.															
Wigtown ...3	Whithorn (Physgill)	15 12	22 18	13 10	17 14	6 5	18 18	14 9	14 6	23 18	28 24	25 18	18 15	213 167	37·00
Dumfries ...3	Dumfries (Crichton R. Inst.) ..	10 9	23 18	10 8	15 12	5 5	23 15	13 8	16 10	20 15	27 21	22 20	14 11	198 152	39·69
Peebles.... 1	Edin. W.W. (Victoria Lodge) ..	14 11	22 18	16 11	18 15	5 4	22 19	13 11	16 12	19 16	27 25	27 21	16 10	215 173	44·15
Berwick 4	Duns Castle	13 9	18 11	15 8	20 14	4 4	19 15	11 7	11 10	20 11	25 19	24 15	14 11	194 134	29·81
W. Lothian 2	Linlithgow (Preston House) ..	11 9	19 16	11 6	14 12	6 4	22 15	10 6	14 11	13 12	26 22	25 16	14 8	185 137	33·68
Lanarkshire.5	Strathaven (Dungavel).....	16 11	23 20	15 10	14 13	6 3	20 16	16 13	17 14	20 17	28 22	19 18	20 16	214 173	53·83
Ayrshire....6	Maybole (Culzean Castle Gdns.)	19 14	22 22	13 10	13 12	4 4	22 18	12 9	13 10	18 16	28 24	22 19	18 16	204 174	40·65
Renfrew ...3	Greenock (Prospect Hill).....	17 11	22 21	16 12	15 12	6 4	20 19	12 8	12 10	24 19	28 25	22 20	21 15	215 176	58·77
Buteshire ..3	Dougarie Lodge.....	13 11	23 21	15 10	18 15	7 5	19 18	14 10	17 9	22 18	26 25	24 23	21 16	219 181	44·19
Argyllshire..8	Lochgilphead (Poltalloch)....	18 17	22 21	16 16	11 11	5 5	18 18	14 14	20 20	21 21	27 27	19 19	17 17	208 206	66·38
Argyllshire.14	Islay (Eallabus)	20 16	23 21	16 14	15 15	6 6	15 12	15 13	17 15	20 17	29 27	27 27	21 18	224 201	56·26
Argyllshire.14	Mull (Gruline)	28 22	23 21	19 17	18 15	10 7	21 16	22 17	23 18	23 21	30 28	25 22	24 20	266 224	79·04
Argyllshire.14	Tiree.....	21 15	22 18	19 14	14 11	8 6	18 15	18 12	21 13	21 20	29 26	27 20	20 18	238 188	45·77
Fifeshire....3	Leuchars (Aerodrome)	8 6	14 12	11 8	14 9	5 4	16 15	11 6	10 5	19 13	24 18	22 17	14 11	168 124	25·21
Perthshire .11	Aberfeldy (Dall Avon)	17 11	21 17	15 10	18 15	8 5	21 16	12 5	14 11	21 16	27 20	27 22	11 7	212 155	42·93
Kincardine .2	Stonehaven (Mains of Cowie)..	17 8	10 10	10 10	17 13	6 5	19 13	12 12	10 8	20 15	20 13	18 13	14 12	173 132	32·82
Aberdeen ..1	Balmoral Castle Gardens.....	20 14	24 17	15 11	25 18	9 6	22 15	10 5	15 10	26 17	25 18	28 21	21 12	240 164	34·73
Aberdeen ..4	Peterhead (Forehill Works) ..	22 15	16 12	12 6	17 15	8 7	16 14	16 14	17 10	23 18	18 13	22 17	24 21	211 162	34·34
Morayshire .2	Fochabers (Gordon Castle) ..	16 10	17 14	12 9	19 13	6 6	17 11	12 9	16 10	20 14	18 15	20 12	20 13	193 136	30·02
Inverness ..3	Cluny Castle	21 14	20 18	17 11	14 12	7 7	23 21	17 11	19 13	24 20	27 24	24 16	18 10	231 177	42·86
Inverness .16	Fort William (The Factory) ..	24 17	21 19	17 17	15 12	9 6	24 21	21 16	21 15	22 20	31 26	21 19	16 16	242 204	79·29

Table V.—*Number of "Rain-days" (·01 in. or more) and of "Wet-days" (·04 in. or more) in* 1935.—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	Total Rainfall.
SCOTLAND —(*con.*).															in.
Inverness ..18	Skye (Portree)	26 21	25 23	18 15	17 13	9 7	20 16	19 18	22 19	26 24	30 30	23 20	22 20	257 226	71·64
R'&Cromarty3	Fortrose	14 8	11 11	13 13	14 10	8 6	19 16	8 6	14 10	22 15	21 17	14 12	16 8	174 132	27·33
R'&Cromarty7	Ullapool.....	20 16	23 20	19 16	17 12	7 7	22 14	19 14	15 12	21 19	28 25	18 14	18 15	227 184	48·45
R'&Cr'm'rty10	Stornoway (C. Guard Stn.) ...	24 16	23 21	20 15	15 13	9 7	20 15	17 15	23 14	25 21	31 28	23 18	23 19	253 202	46·46
Sutherland .1	Lairg	20 15	16 15	18 15	16 13	9 5	18 15	14 12	18 12	26 16	28 22	19 13	10 10	212 163	43·67
Sutherland .5	Loch More (Achfary)	27 25	24 23	18 17	17 12	10 10	20 16	20 19	24 19	27 25	31 29	20 16	23 18	261 229	98·52
Caithness ..3	Thurso (Buckies)	27 21	25 15	15 14	16 14	9 8	19 13	15 9	18 13	26 21	27 25	23 20	25 22	245 195	46·10
Scotland	**(Mean of 28 Stations)**.....	**19 14**	**20 17**	**15 12**	**16 13**	**7 6**	**20 16**	**15 11**	**17 12**	**22 18**	**27 23**	**22 18**	**18 14**	**218 174**	**47·62**
IRELAND.															
Co. Cork....6	**Dunmanway (The Rectory)**..	8 5	21 18	15 9	19 16	9 6	25 23	11 5	18 12	27 22	23 18	25 24	18 15	219 173	50·27
Co. Cork....7	**Glanmire (Lota Lodge)**	8 7	20 15	13 7	19 16	7 7	26 22	6 5	12 9	26 23	22 15	23 20	21 16	203 162	40·00
Co. Cork....9	**Mallow (Longueville)**	13 7	22 18	15 6	20 17	9 8	26 24	11 7	20 11	27 21	27 20	26 18	22 15	238 172	36·35
Co. Kerry...3	**Valentia Observatory**	15 9	23 20	14 10	20 18	10 8	25 21	17 8	21 16	27 25	27 22	26 22	21 18	246 197	51·32
Co.Waterford 3	Waterford (Gortmore)	11 6	18 12	13 9	18 15	10 6	22 18	8 4	11 5	26 23	24 13	22 15	16 11	199 137	33·92
Co.Tipperary1	**Nenagh (Castle Lough)**.....	17 8	24 18	14 11	17 17	11 7	26 22	16 8	19 15	27 22	28 25	24 19	22 16	245 188	49·57
Co.Tipperary3	**Cashel (Ballinamona)**	11 9	19 16	14 10	17 16	9 8	24 20	12 10	14 10	25 22	27 15	23 16	18 13	213 165	36·74
Co. Limerick 2	**Foynes (Coolnanes)**.....	16 9	22 15	14 10	21 14	10 7	24 17	14 11	16 11	26 19	27 20	26 21	21 15	237 169	41·77
Co. Wexford 4	**Gorey (Courtown House)**	10 6	15 10	12 9	17 10	9 5	23 17	10 7	11 8	22 18	19 13	19 17	12 10	179 130	32·15
Co. Leix....2	**Abbey Leix (Blandsfort)**.....	16 10	22 15	11 10	17 15	8 7	25 23	11 8	16 11	24 23	24 18	23 17	17 13	214 170	37·56
Co. Dublin..2	**Dublin** City **(FitzWilliam Sq)**.	13 7	17 11	8 4	20 13	8 7	21 16	12 5	8 7	23 18	21 14	16 13	19 12	186 127	23·75
Co. Meath ..4	**Kells (Headfort)**	16 7	23 18	10 8	21 17	7 7	22 18	12 7	17 13	20 19	23 20	21 16	18 15	210 165	36·93
Co. W'meath1	**Mullingar (Belvedere Ho.)**....	15 9	22 17	13 10	20 13	8 6	25 19	14 6	17 14	24 21	28 23	19 17	17 14	222 169	40·92
Co. Longford2	Newtownforbes (Cas. Forbes G.)	10 9	20 20	10 9	18 18	5 5	23 21	9 8	15 14	23 23	25 24	16 14	17 15	191 180	37·33
Co. Galway .8	**Ballynahinch Castle**	22 17	23 23	17 14	20 19	11 9	24 24	18 15	18 18	24 24	27 27	25 24	17 17	246 231	69·45

Table V.—*Number of "Rain-days" (·01 in. or more) and of "Wet-days" (·04 in. or more) in* 1935.—*(con.).*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
IRELAND —*(con)*.															in.
Co. Mayo ...4	Mallaranny.....	20 17	24 21	14 14	18 18	10 9	23 22	17 15	20 19	25 25	30 28	23 20	20 18	244 226	61·51
Co. Sligo ...2	Collooney (Markree Cas.)	20 17	24 23	17 14	19 18	10 8	23 23	15 10	15 13	26 22	28 27	23 18	21 17	241 210	45·59
Co. Ferm'gh 1	Newtownbutler (Crom. Cas.)	18 8	23 18	13 9	20 18	7 5	26 22	12 7	19 14	25 20	30 24	24 17	25 17	242 179	39·01
Co. Armagh.5	Armagh Observatory	17 7	23 19	12 10	20 16	6 4	24 19	15 7	15 12	22 17	23 19	19 16	19 11	215 157	30·24
Co. Down...2	Seaforde	13 10	20 16	11 7	20 18	8 6	25 19	6 4	10 7	24 20	26 23	24 21	17 16	204 167	36·73
Co. Antrim .5	Ballymena (Harryville)	22 16	24 22	12 9	20 20	6 6	24 20	15 12	18 12	23 19	29 25	23 21	20 17	236 199	42·59
Co. Tyrone..3	Omagh (Edenfel).....	24 15	24 23	15 11	21 17	8 6	25 23	13 11	17 13	23 20	30 25	23 18	23 17	246 199	42·28
Co. Donegal 2	Buncrana Rectory	25 15	23 21	17 10	21 19	9 8	24 17	17 9	16 12	24 16	31 28	22 16	24 19	253 190	42·51
Ireland	**(Mean of 23 Stations).....**	**16 10**	**22 18**	**13 10**	**19 17**	**9 7**	**24 20**	**13 8**	**16 12**	**24 21**	**26 21**	**22 18**	**19 15**	**223 177**	**41·28**
British Isles..	**(Mean of 100 Stations).....**	**16 11**	**20 16**	**12 9**	**19 15**	**8 6**	**21 17**	**11 7**	**13 10**	**22 18**	**24 20**	**23 19**	**19 15**	**208 163**	**42·30**

3. ABSOLUTE DROUGHTS, PARTIAL DROUGHTS AND DRY SPELLS IN 1935.

As in the analogous case of rain-days and wet-days (Section 4), certain definitions have to be adopted in order to obtain a reliable body of statistical information on the subject of droughts. The definitions used are :—

An **absolute drought** is a period of at least 15 consecutive days, to none of which is credited ·01 inch of rain or more ;

A **partial drought** is a period of at least 29 consecutive days, the mean daily rainfall of which does not exceed ·01 inch ;

A **dry spell** is a period of at least 15 consecutive days to none of which is credited ·04 inch of rain or more.

These terms are used in *British Rainfall* only in the senses stated. More concise definitions of two of these terms would be :—An *absolute drought* is a period of at least 15 days, none of which is a rain-day ; a *dry spell* is a period of at least 15 days, none of which is a wet day. The definitions of absolute drought and partial drought were introduced in *British Rainfall*, 1887, page 21 while that of dry spell was first used in *British Rainfall*, 1919, page 15.

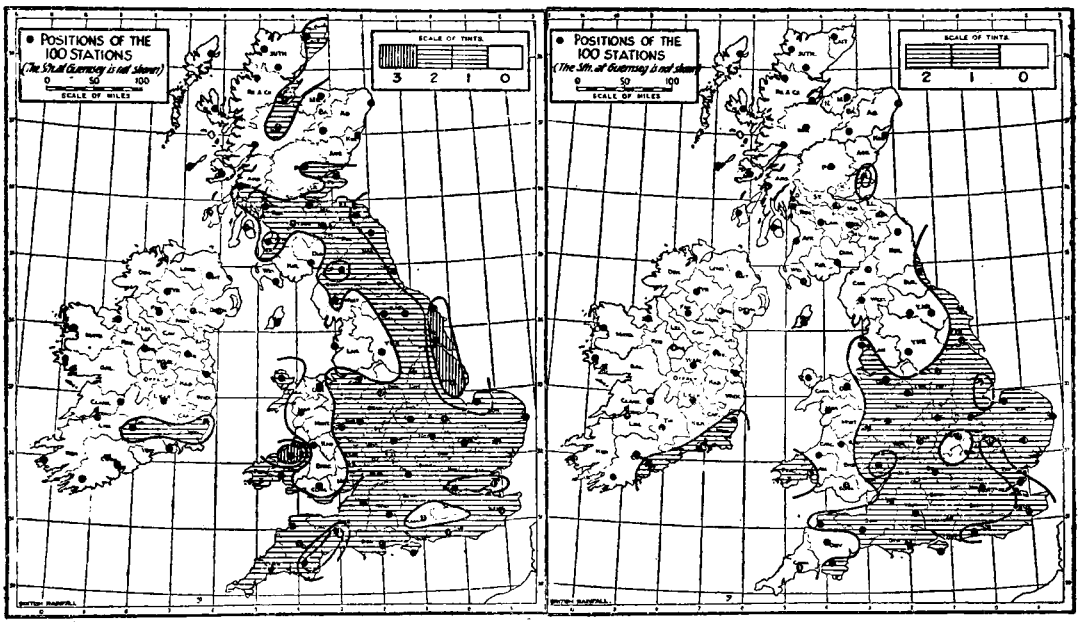
Details are given in Table VIII of the absolute droughts, partial droughts and dry spells, which occurred at the 100 selected stations of Table V. Stations from which no droughts were reported are omitted from this table.

During 1935 the number of stations out of the 100 which failed to record either a drought or a dry spell was twenty-four, a number greater than those recorded in recent years. 1934, 1933, 1932 and 1929 were all noteworthy for the large areas over which either a drought or dry spell occurred. Of the twenty-four stations without either a drought or dry spell during the year two were situated in in the south-west of England, eight in Scotland and 14 in Ireland. A feature of the incidence of rainfall in 1935 was therefore the small number of absolute droughts and partial droughts recorded in Ireland.

In Tables VI and VII the numbers of droughts and dry spells recorded in 1935 are compared with those of each year from 1917 to 1934. In the case of absolute droughts and dry spells similar

information is available as far back as the famous dry year 1887 and averages are therefore available for the 49 years 1887 to 1935. Statistics, comparable with those given in Table VI, are given for the years 1887 to 1916 in *British Rainfall*, 1929, page 20.

The total number of absolute droughts recorded in 1935 was 70 or 10 more than the average 1887 to 1935. The number of partial droughts was 44 or 10 less than the average. The number of dry spells was 142 or 5 in excess of the average. Of the 100 stations, 49 had no absolute drought and 64 no partial drought, and 26 no dry spell during 1935; in each case values approximating closely to the normal.



Absolute Droughts, 1935. **Partial Droughts, 1935.**

Some details as to the total number of absolute droughts and partial droughts recorded during the year are given in the diagram. The diagram shows that three absolute droughts were recorded during 1935 at stations along the east coast from Scarborough to Horncastle and at Lampeter in Cardiganshire, while there was no absolute drought at all over most of Ireland, the northern half of Scotland, Wales and parts of the north-west and south of England. Partial droughts were less frequent, a few stations recording two in the south and east of England as well as Ross and Leuchars in Fifeshire. As many as four dry spells were recorded at Ventnor, Horncastle and Scarborough.

The longest absolute drought lasted 32 days at Cambridge from July 21st to August 21st. The longest partial drought persisted from June 18 to August 22nd, a period of 66 days, at both Poole and Angersleigh. The longest dry spell lasted for 33 days during July and August at Bath and Scarborough.

Absolute droughts at the 100 selected stations were confined to the seven months March to August. The most widespread absolute droughts occurred during the periods April 21st to May 12th and July 20th to August 21st. The earliest absolute drought of the year occurred between March 5th and 22nd at three stations, *viz.*, Shoeburyness, Lampeter, in Cardiganshire, and Maybole, in Ayrshire. The drought during the end of April and beginning of May occurred mainly at stations in southern and eastern Scotland and the north-eastern half of England. At Grasmere, in the English Lake District, there was no measurable rain during the 19 days April 24th to May 12th. Four stations, *viz.*, Scarborough, Geltsdale, near Carlisle, Duns Castle, in Berwickshire, and Thurso, in Caithness, recorded a drought during the period May 18th to June 4th. The drought of June 26th to July 17th was confined to a few stations in the south and east of England. The drought of July 20th to August 21st occurred at a large number of stations in south-eastern and central England. Only two absolute droughts were recorded during the year in Ireland.

The partial droughts were confined to the first eight months of the year and were widespread only during the period June 18th to August 25th. At Leuchars, in Fifeshire, and Courtown House in Co. Wexford a partial drought was recorded during the period January 8th to February 12th. Only two partial droughts were recorded during the year in Scotland and both of these were at Leuchars.

Dry spells were more frequent than either absolute droughts or partial droughts but were confined to the six months March to August.

Table VI.—*Droughts at* 100 *Stations*, 1917–1935.

Year.	ABSOLUTE DROUGHTS.* No. of Droughts at 100 Stations.	Mean Duration.	Longest.	Stations without one.	PARTIAL DROUGHTS.† No. of Droughts at 100 Stations.	Mean Duration.	Longest.	Stations without one.
		Days.	Days.			Days.	Days.	
1917	109	19	28	23	64	33	61	46
1918	20	16	18	83	14	34	47	87
1919	33	18	31	68	44	38	50	63
1920	18	17	22	84	22	37	54	79
1921	86	19	38	47	109	42	89	30
1922	63	17	23	46	44	36	51	66
1923	11	17	24	89	20	38	54	80
1924	50	16	22	55	25	36	57	81
1925	74	23	33	37	76	38	60	29
1926	20	17	24	83	43	36	57	64
1927	11	17	19	90	19	32	43	83
1928	50	17	22	57	41	33	43	70
1929	110	20	37	14	99	47	85	35
1930	16	17	20	86	29	31	42	72
1931	16	18	21	85	28	34	46	82
1932	87	19	32	36	156	40	71	7
1933	56	18	25	52	92	37	69	52
1934	82	18	30	38	101	37	54	33
1935	70	19	32	49	44	42	66	64
Average 1887–1935	60	18	26	54	54	37	56	59

* 15 days without a "rain day." † 29 days averaging not more than ·01 in.

Table VII.—*Dry Spells* at* 100 *Stations*, 1917–1935.

Year.	Number at 100 Stations.	Mean Duration.	Longest Spell.	Number of Stations with None.	1 or 2.	3 or 4.	5 or more.
		Days.	Days.				
1917	193	20	31	5	70	25	0
1918	118	17	26	36	47	17	0
1919	98	19	38	35	62	3	0
1920	56	18	31	55	44	1	0
1921	201	21	58	21	43	29	7
1922	162	18	30	13	65	22	0
1923	65	18	29	54	43	3	0
1924	120	17	29	32	56	12	0
1925	164	22	43	14	65	21	0
1926	98	19	40	30	65	5	0
1927	91	17	31	43	49	8	0
1928	115	19	31	25	68	7	0
1929	215	22	53	1	65	31	3
1930	76	18	22	45	51	4	0
1931	84	19	26	53	35	12	0
1932	229	23	51	5	53	38	4
1933	191	19	40	14	54	31	1
1934	193	20	44	10	60	29	1
1935	142	19	33	26	52	22	0
Average 1917–1935	137	19	36	27	55	17	1

*15 days without a "wet day."

Table VIII.—*Droughts and Dry Spells in* 1935.

County and River Division.	Station.	Absolute Droughts.			Partial Droughts.				Dry Spells.			
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Rain.	Began.	Ended.	Lasted.	Rain.
ENGLAND AND WALES				days			days	in.			days	in.
London 2	St. Pancras (Camden Square) .	..	..	..	..	..	..	..	Mar. 6	Mar. 22	17	·08
		July 2	July 17	16	..	..	..	..	July 2	July 17	16	·00
		July 21	Aug. 11	22	July 21	Aug. 21	32	·09	July 21	Aug. 11	22	·00
Kent 2	Lympne (Airport)	..	..	..	Mar. 1	April 2	33	·19	Mar. 4	April 2	30	·11
		July 2	July 17	16	June 20	Aug. 7	49	·46	June 26	July 17	22	·04
		..	..	..	..	..	..	..	July 21	Aug. 7	18	·01
Sussex 3	Patcham (Brighton W.W.) ...	..	..	..	Mar. 4	April 1	29	·28	Mar. 11	April 1	22	·05
		..	..	..	..	..	..	..	April 26	May 13	18	·03
		July 21	Aug. 11	22	June 21	Aug. 11	52	·52	July 21	Aug. 11	22	·00
Hampshire ..1	Ventnor (Royal National Hos.)	..	..	..	..	..	..	..	Mar. 18	April 3	17	·03
		..	..	..	..	..	..	..	May 2	May 16	15	·08
		..	..	..	June 20	Aug. 21	63	·58	July 2	July 18	17	·01
		July 22	Aug. 11	21	..	..	..	..	July 20	Aug. 11	23	·01
,, ..7	Selborne (The Wakes)	..	..	..	July 21	Aug. 22	33	·28	..	..	..	..
Oxfordshire .3	Oxford (Radcliffe Observatory)	July 21	Aug. 17	28	June 26	Aug. 21	57	·53	July 21	Aug. 21	32	·01
Northants ..4	Wellingborough (Swanspool)..	..	..	..	..	..	..	..	June 26	July 10	15	·03
		July 21	Aug. 7	18	..	..	..	..	July 20	Aug. 7	19	·03
,, ...4	Peterborough (Abbeyfields) ..	July 3	July 17	15	June 21	Aug. 17	58	·53	July 3	July 17	15	·00
		..	..	..	..	..	..	..	July 21	Aug. 7	18	·02
Cambridge ..2	Cambridge (Botanic Gardens).	..	..	..	Feb. 28	April 1	33	·32	..	..	..	..
		July 21	Aug. 21	32	June 21	Aug. 21	62	·62	July 21	Aug. 21	32	·00
Essex.....3	Shoeburyness (Great Wakering)	Mar. 5	Mar. 22	18	Mar. 1	April 3	34	·33	Mar. 4	Mar. 22	19	·02
		..	..	..	June 26	Aug. 7	43	·33	July 2	July 17	16	·02
		July 21	Aug. 7	18	..	..	..	..	July 21	Aug. 7	18	·00
Suffolk 2	Haughley (Haughley House)..	..	..	..	..	..	..	..	July 2	July 17	16	·02
		July 21	Aug. 7	18	July 21	Aug. 25	36	·28	July 21	Aug. 7	18	·00
		..	..	..	..	..	..	..	Aug. 9	Aug. 25	17	·03
Norfolk 1	Gorleston (C. Guard Station) .	April 26	May 12	17	..	..	..	..	April 26	May 12	17	·00
		..	..	..	..	..	..	..	June 21	July 14	24	·02
		July 21	Aug. 7	18	..	..	..	..	July 21	Aug. 7	18	·00
Norfolk 3	Sandringham House Gardens.	July 2	July 16	15	June 26	Aug. 17	53	·41	July 2	July 17	16	·02
		July 21	Aug. 7	18	..	..	..	..	July 19	Aug. 8	21	·03

Table VIII.—*Droughts and Dry Spells in* 1935—(*con.*).

County and River Division.	Station.	Absolute Droughts.			Partial Droughts.				Dry Spells.			
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Rain.	Began.	Ended.	Lasted.	Rain.
				days			days	in.			days	in.
Wiltshire....3	Larkhill (Sch. of Artillery)....	..	..	..	..	..	..	..	Mar. 6	Mar. 21	16	·07
		July 21	Aug. 11	22	July 12	Aug. 23	43	·39	July 21	Aug. 21	32	·04
Dorsetshire .3	Poole	..	..	..	June 18	Aug. 22	66	·63	July 2	July 17	16	·02
		July 22	Aug. 11	21	..	..	..	..	July 20	Aug. 16	28	·05
S. Devon....4	Holne (Church Park Cottage)	July 1	July 15	15	..	..	..	..	July 1	July 18	18	·05
		July 22	Aug. 7	17	July 20	Aug. 22	34	·20	July 20	Aug. 16	28	·05
N. Devon ...2	Barnstaple (N. Dev. Athen'm)	..	..	..	..	..	..	..	Mar. 6	Mar. 21	16	·10
		..	..	..	..	..	..	..	July 1	July 15	15	·08
		..	..	..	July 22	Aug. 22	32	·31	July 29	Aug. 16	19	·03
Somerset ...1	Bath (Henrietta Park)	July 20	Aug. 16	28	July 12	Aug. 23	43	·32	July 20	Aug. 21	33	·01
,, ...3	Angersleigh (Leigh Court)....	July 2	July 17	16	June 18	Aug. 22	66	·56	July 2	July 18	17	·02
		July 21	Aug. 11	22	..	..	..	..	July 21	Aug. 11	22	·00
Hereford ...1	Ross-on-Wye	..	..	..	Mar. 6	April 3	29	·24	..	..	..	..
		..	..	..	June 26	Aug. 25	61	·61	June 26	July 18	23	·09
		July 21	Aug. 7	18	..	..	..	..	July 20	Aug. 7	19	·02
Shropshire ..3	Bishop's Castle (The Vicarage)	July 21	Aug. 7	18	July 2	Aug. 7	37	·37	July 21	Aug. 7	18	·00
,, ..4	Shifnal (Hatton Grange)	July 21	Aug. 10	21	July 6	Aug. 10	36	·36	July 21	Aug. 10	21	·00
Staffordshire 5	Mayfield	April 23	May 12	20	July 21	Aug. 22	33	·28	April 23	May 12	20	·00
Warwickshire1	Warwick Castle Gardens	..	..	..	..	..	..	..	July 2	July 17	16	·02
		July 21	Aug. 7	18	July 2	Aug. 7	37	·37	July 21	Aug. 7	18	·00
Leicestershire4	Leicester (Stoughton Drive) ..	..	..	..	..	..	..	..	June 26	July 10	15	·05
		July 21	Aug. 7	18	July 15	Aug. 22	39	·38	July 20	Aug. 11	23	·07
Lincolnshire 3	Horncastle	April 26	May 12	17	April 19	June 1	44	·34	April 26	May 12	17	·00
		..	..	..	..	..	..	..	May 14	June 1	19	·06
		June 26	July 17	22	June 21	Aug. 7	48	·39	June 21	July 17	27	·01
		July 20	Aug. 7	19	..	..	..	..	July 19	Aug. 7	20	·03
Nottingham- 5 shire	Worksop (Hodsock).....	..	..	..	..	..	..	..	April 24	May 12	19	·02
		..	..	..	June 20	Aug. 16	58	·57	June 21	July 14	24	·05
		July 27	Aug. 16	21	..	..	..	..	July 19	Aug. 16	29	·05
Cheshire 2	Northwich (Hunts Lock)	April 25	May 12	18	..	..	..	..	April 25	May 12	18	·00
		..	..	..	July 19	Aug. 16	29	·20	July 28	Aug. 16	20	·02
N. Lancs ...5	Blackpool (Met. Observatory).	..	..	..	..	..	..	..	April 23	May 12	20	·03
		..	..	..	July 2	Aug. 10	40	·38	..	..	..	..

Table VIII.—*Droughts and Dry Spells in* 1935—(*con.*).

County and River Division.	Station.	Absolute Droughts.			Partial Droughts.				Dry Spells.			
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Rain.	Began.	Ended.	Lasted.	Rain.
				days			days	in.			days	in.
Yorks, W.R..8	Meltham (Harewood Lodge) .	..	..	..	..	..	..	..	April 24	May 12	19	·02
		..	..	..	..	..	..	..	May 18	June 1	15	·04
		..	..	..	..	..	..	..	July 28	Aug. 22	26	·05
Yorks, E.R. 3	Hull (Pearson Park)	April 23	May 12	20	..	..	..	..	April 21	May 12	22	·03
		July 2	July 17	16	June 20	Aug. 22	64	·62	June 21	July 17	27	·03
		July 21	Aug. 7	18	..	..	..	..	July 21	Aug. 7	18	·00
Yorks, N.R. 1	West Witton (Ivy House) ...	April 23	May 8	16	..	..	..	..	April 23	May 12	20	·01
		..	..	..	..	..	..	..	May 18	June 1	15	·03
,, N.R. 2	Felixkirk (Mount St. John) ..	April 23	May 12	20	..	..	..	..	April 23	May 12	20	·00
		..	..	..	..	..	..	..	July 1	July 15	15	·05
		..	..	..	..	..	..	..	July 27	Aug. 10	15	·02
,, N.R. 5	Scarborough	April 21	May 7	17	..	..	..	..	April 21	May 12	22	·01
		May 19	June 2	15	..	..	..	..	May 19	June 2	15	·00
		June 26	July 17	22	June 20	July 19	30	·30	June 26	July 17	22	·00
		..	..	..	July 21	Aug. 25	36	·20	July 21	Aug. 22	33	·11
Durham 2	Sunderland (W. Hendon Ho.).	April 27	May 11	15	..	..	..	..	April 27	May 12	16	·01
		..	..	..	..	..	..	..	May 18	June 1	15	·02
		July 27	Aug. 10	15	July 2	Aug. 10	40	·35	July 27	Aug. 10	15	·00
Northumber-land 6	Ilderton (Lilburn Tower Gdns.)	April 27	May 11	15	..	..	..	..	April 27	May 12	16	·02
		..	..	..	..	..	..	..	May 18	June 1	15	·02
		July 27	Aug. 10	15	..	..	..	..	July 20	Aug. 10	22	·03
Cumberland 1	Geltsdale.....	April 24	May 11	18	..	..	..	..	April 24	May 12	19	·02
		May 18	June 1	15	..	..	..	..	May 17	June 1	16	·02
Westmorland 2	Grasmere (The Wray)	April 24	May 12	19	..	..	..	..	April 24	May 12	19	·00
Glamorgan .6	Treherbert (Tyn-y-waun).....	..	..	..	..	..	..	..	April 26	May 14	19	·01
Carmarthen .2	Carmarthen (The Friary)	..	..	..	Mar. 5	April 2	29	·29	Mar. 5	Mar. 21	17	·07
		..	..	..	..	..	..	..	April 26	May 14	19	·05
		July 23	Aug. 9	18	..	..	..	..	July 22	Aug. 10	20	·04
Cardigan ...3	Lampeter (Falcondale)	Mar. 6	Mar. 21	16	..	..	..	..	Mar. 6	Mar. 21	16	·00
		April 26	May 12	17	..	..	..	..	April 26	May 12	17	·00
		July 22	Aug. 9	19	..	..	..	..	July 21	Aug. 10	21	·03

Table VIII.—*Droughts and Dry Spells in* 1935—(*con.*).

County and River Division.	Station.	Absolute Droughts.			Partial Droughts.				Dry Spells.			
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Rain.	Began.	Ended.	Lasted.	Rain.
				days			days	in.			days	in.
Radnor 1	Birmingham W.W. (Tyrmynydd)	..	..	..	..	..	..	..	Mar. 6	Mar. 21	16	·02
Denbigh 2	Denbigh (Garn)	..	..	..	..	..	..	..	Mar. 6	Mar. 22	17	·02
Merioneth ..4	Dolgelley (Bontddu)	..	..	..	..	..	..	..	Mar. 6	Mar. 21	16	·04
Anglesey	Llanerchymedd (Ll'diarth Es.)	July 20	Aug. 7	19	..	..	..	..	July 20	Aug. 7	19	·00
ISLE OF MAN												
Isle of Man ..	Douglas (Borough Cemetery) .	..	..	..	..	..	..	..	July 20	Aug. 10	22	·03
CHANNEL ISLANDS												
Guernsey	St. Peter Port (Grange Road)..	..	..	..	July 2	Aug. 11	41	·41	July 22	Aug. 11	21	·06
SCOTLAND												
Dumfries....3	Dumfries (Crichton R. Inst.)..	..	..	..	..	..	..	..	Mar. 6	Mar. 20	15	·02
Peebles 1	Edin. W.W. (Victoria Lodge)..	April 25	May 12	18	..	..	..	..	April 23	May 12	20	·04
		..	..	..	..	..	..	..	May 18	June 2	16	·02
Berwick 4	Duns Castle	April 27	May 12	16	..	..	..	..	April 27	May 12	16	·00
		May 18	June 1	15	..	..	..	..	May 18	June 1	15	·00
		..	..	..	..	..	..	..	July 24	Aug. 7	15	·03
W. Lothian .2	Linlithgow (Preston House) ..	April 23	May 12	20	..	..	..	..	April 23	May 12	20	·00
		..	..	..	..	..	..	..	May 18	June 1	15	·04
		..	..	..	..	..	..	..	July 24	Aug. 9	17	·05
Lanarkshire .5	Strathaven (Dungavel).....	..	..	..	..	..	..	..	Mar. 6	Mar. 20	15	·02
		April 24	May 12	19	..	..	..	..	April 23	May 12	20	·01
		..	..	..	..	..	..	..	May 17	June 1	16	·05
Ayrshire 6	Maybole (Culzean Castle Gdns.)	Mar. 6	Mar. 20	15	..	..	..	..	Mar. 6	Mar. 20	15	·00
		April 23	May 12	20	..	..	..	..	April 23	May 12	20	·00
Renfrew 3	Greenock (Prospect Hill)	April 24	May 10	17	..	..	..	..	April 21	May 12	22	·08
Buteshire ...3	Dougarie Lodge	..	..	..	..	..	..	..	April 22	May 12	21	·07
Argyllshire ..8	Lochgilphead (Poltalloch)	April 22	May 12	21	..	..	..	..	April 22	May 12	21	·00
Fifeshire 3	Leuchars (Aerodrome)	..	..	..	Jan. 8	Feb. 11	35	·35	..	..	..	..
		April 24	May 12	19	..	..	..	..	April 23	May 12	20	·01
		..	..	..	July 20	Aug. 25	37	·19	July 20	Aug. 15	27	·11

Table VIII.—*Droughts and Dry Spells in* 1935—(*con.*).

County and River Division.	Station.	Absolute Droughts.			Partial Droughts.				Dry Spells.			
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Rain.	Began.	Ended.	Lasted.	Rain.
				days			days	in.			days	in.
Perthshire..11	Aberfeldy (Dall Avon)	April 23	May 12	20	..	..	..	..	April 23	May 12	20	·00
Kincardine .2	Stonehaven (Mains of Cowie)..	..	..	..	..	..	..	..	July 20	Aug. 9	21	·09
Aberdeen ...1	Balmoral Castle Gardens.....	..	..	..	..	..	..	..	April 21	May 12	22	·01
,, ...4	Peterhead (Forehill Works) ..	..	..	..	..	..	..	..	July 21	Aug. 7	18	·06
Inverness ...3	Cluny Castle.....	..	..	..	..	..	..	..	Mar. 4	Mar. 23	20	·10
		April 23	May 12	20	..	..	..	..	Mar. 6	Mar. 20	15	·07
Ross and Cromarty 3	Fortrose	April 23	May 11	19	..	..	..	..	April 23	May 12	20	·00
,, ,, 10	Stornoway (C. Guard Stn.) ...	..	..	..	..	..	..	..	April 23	May 12	20	·01
		..	..	..	..	..	..	..	July 24	Aug. 7	15	·02
Sutherland ..1	Lairg	..	..	..	..	..	..	..	April 25	May 12	18	·02
,, ..5	Loch More (Achfary)	..	..	..	..	..	..	..	May 20	June 5	17	·02
Caithness ...3	Thurso (Buckies)	May 19	June 4	17	..	..	..	..	May 19	June 2	15	·03
									May 22	June 5	15	·03
									May 19	June 4	17	·00
IRELAND												
Co. Cork 6	Dunmanway (The Rectory) ..	..	..	..	..	..	..	..	July 22	Aug. 9	19	·05
,, ...7	Glanmire (Lota Lodge).....	..	..	..	May 3	May 31	29	·28	..	..	..	..
,, ...9	Mallow (Longueville)	..	..	..	..	..	..	..	July 23	Aug. 7	16	·02
Co. Waterford3	Waterford (Gortmore)	..	..	..	July 22	Aug. 22	32	·24	July 22	Aug. 7	17	·01
Co.Tipperary 3	Cashel (Ballinamona)	April 23	May 12	20	..	..	..	..	April 23	May 14	22	·03
Co. Wexford .4	Gorey (Courtown House)	..	..	..	Jan. 14	Feb. 12	30	·29	..	..	..	..
		..	..	..	..	..	..	..	April 22	May 14	23	·04
		July 21	Aug. 9	20	..	..	..	..	July 21	Aug. 10	21	·02
Co. Dublin ..2	Dublin City (FitzWilliam Sq.)	..	..	..	..	..	..	..	Mar. 2	Mar. 21	20	·04
		..	..	..	..	..	..	..	April 22	May 14	23	·02
		..	..	..	..	..	..	..	July 24	Aug. 7	15	·03
Co. Down ...2	Seaforde	..	..	..	..	..	..	..	June 28	July 15	18	·02
Co. Antrim .5	Ballymena (Harryville)	..	..	..	..	..	..	..	Mar. 6	Mar. 20	15	·05

4. RAIN SPELLS AND WET SPELLS IN 1935.

The definitions of the terms " rain spell " and " wet spell," as used in this section, are analogous to those of the terms " absolute drought " and " dry spell," which are used in the previous section. Thus :—

A Rain Spell is a period of at least 15 consecutive days to each of which is credited ·01 inch of rain or more.

A Wet Spell is a period of at least 15 consecutive days to each of which is credited ·04 inch of rain or more.

In other words, a *rain spell* contains at least 15 consecutive rain days, and a *wet spell* contains at least 15 consecutive wet days.

Table XI contains particulars of all rain spells* and wet spells* during 1935 which were reported from the 100 selected stations of Table V. Stations from which no rain or wet spells were reported are omitted from this table. The number of stations so omitted is 29, 22 in England and Wales, 5 in Scotland and 2 in Ireland. Tables IX and X give comparative statistics concerning the rain spells and wet spells since 1917. Similar details of rain spells are available back to 1903, and are given in *British Rainfall*, 1929, p. 30, and averages are therefore available for the 33 years, 1903 to 1935.

In 1935, the total number of rain spells at the 100 stations was 155 or 14 less than the average. The total number in 1935 was much more normal than in either 1934 with 206 or 1933 with only 57. The mean duration of the rain spells was 21 days, exactly the average. The mean rain per day during the rain spells was ·26 inch, almost the average. The longest rain spell continued for 57 days from September 10th to November 5th at Loch More (Achfary) in Sutherlandshire, when the total rainfall was 25·32 inches. Rain spells occurred during 1935 at 70 stations, exactly the average.

One station recorded as many as five rain spells during the year, *viz.*, Balmoral Castle in Aberdeenshire.

* The precise procedure adopted in the allocation of rain spells or wet spells which cover parts of two years is set out in the footnote on p. 25, *British Rainfall*, 1926.

The total number of wet spells at the 100 stations was 33, or 17 less than the average, compared with 66 in 1934 and 9 in 1933. The mean duration of the wet spells was 18 days and the mean rain per wet day ·38 inch, both values approximating closely to the average. Wet spells occurred at 24 stations or 5 less than the average. One station recorded four wet spells, *viz.*, Loch More (Achfary) in Sutherlandshire. The longest wet spell lasted for 29 days, from October 6th to November 3rd at Skye (Portree).

Of the 40 selected stations in England only 4 recorded a wet spell during the year.

At a number of stations, mainly in the south-west of England and in Ireland, a rain spell which commenced in November, 1934, was continued until about January 14th, 1935. At Llwydiarth Esgob in Anglesey some rain occurred on each of the 41 days from November 27th, 1934, until January 6th, 1935. A number of stations in the west of England and Wales, the west of Scotland and the northern half of Ireland recorded a rain spell covering part of February or March. At both Loch More (Achfary) and Skye (Portree) there were three rain spells covering parts of these two months. A rain spell occurred during the first three weeks of June at a number of stations, mainly in the north of England and in Ireland. July and August were free from rain spells apart from that at Peterhead in Aberdeenshire, which commenced on August 23rd. Rain spells were most frequent during the period September 8th to November 22nd. At Grasmere and at Valentia Observatory there were three rain spells during this period. At a few stations rain spells were recorded as late as December 14th.

Wet spells in England and Wales were confined to the periods February 10th to March 2nd, September 26th to October 11th, and November 2nd to 19th. In Scotland wet spells were confined to stations in the west and north and mainly to the last three months of the year. In Ireland wet spells were recorded during the periods February 10th to 24th, June 1st to 21st, September 8th to 24th, and October 17th to November 16th.

The numbers of both rain spells and wet spells in 1935 were rather less than the averages. The most unusual features were the small number covering any part of December and their occurrence at certain stations in the summer months such as June.

Table IX.—*Rain Spells* at 100 Stations*, 1917—1935.

Year.	No. of Rain Spells.	DURATION OF SPELLS				STATIONS WITH			
		Mean		Longest					
		Days.	Mean rain per day.	Days.	Mean rain per day.	None.	1 or 2.	3 or 4.	5 or more
1917....	152	22	·28	52	·19	30	48	17	5
1918....	186	23	·30	56	·21	21	51	19	9
1919....	143	20	·26	46	·31	29	53	14	4
1920....	165	20	·25	45	·24	32	45	12	11
1921....	184	22	·29	45	·25	31	36	25	8
1922....	170	21	·26	49	·35	30	42	23	5
1923....	222	23	·26	89	·31	17	47	21	15
1924....	168	19	·25	54	·23	33	41	18	8
1925....	176	19	·29	60	·34	27	43	23	7
1926....	194	20	·28	45	·14	21	37	38	4
1927....	206	19	·26	42	·19	21	43	26	10
1928....	202	24	·27	52	·27	28	43	21	8
1929....	157	21	·32	57	·27	19	58	15	8
1930....	174	23	·30	72	·42	32	36	29	3
1931....	121	20	·25	56	·25	49	33	12	6
1932....	150	20	·29	36	·29	37	37	20	6
1933....	57	18	·25	31	·25	65	31	2	2
1934....	206	21	·27	58	·21	22	45	20	13
1935....	155	21	·26	57	·45	30	41	28	1
Average 1903–35	**169**	**21**	**·27**	**52**	**·28**	**30**	**42**	**20**	**8**

* At least ·01 inch each day, 15 days or more.

Table X.—*Wet Spells † at 100 Stations*, 1917—1935.

Year.	Number of Wet Spells.	Mean Duration.		Longest Spell.		STATIONS WITH			
		Days.	Mean rain per day.	Days.	Mean rain per day.	None.	1 or 2.	3 or 4.	5 or more
			in.		in.				
1917....	55	19	·35	31	·46	67	28	3	2
1918....	49	21	·40	36	·44	70	26	4	0
1919....	49	17	·29	33	·34	66	29	5	0
1920....	47	18	·37	31	·61	75	17	8	0
1921....	59	20	·41	29	·32	69	22	9	0
1922....	65	20	·36	42	·28	64	29	7	0
1923....	62	20	·36	42	·39	73	17	8	2
1924....	30	18	·34	24	·37	79	19	2	0
1925....	55	17	·42	31	·18	67	27	6	0
1926....	60	19	·37	30	·48	62	32	6	0
1927....	39	18	·35	24	·29	74	22	4	0
1928....	87	20	·40	39	·29	62	21	17	0
1929....	59	19	·41	33	·40	59	36	4	1
1930....	71	21	·40	35	·51	61	30	9	0
1931....	20	19	·31	32	·44	87	10	3	0
1932....	44	19	·41	30	·50	77	16	7	0
1933....	9	16	·34	20	·49	94	5	1	0
1934....	66	19	·37	31	·47	64	29	5	2
1935....	33	18	·38	29	·41	76	22	2	0
Average 1917–35	**50**	**19**	**·37**	**32**	**·40**	**71**	**23**	**6**	**0**

† At least ·04 inch each day, 15 days or more.

Table XI.—*Rain Spells and Wet Spells in* 1935.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
ENGLAND AND WALES				days	in.			days	in.		in.
Hampshire..1	Ventnor (Royal National Hos.)	Sept. 26	Oct. 11	16	3·46	..	..	..	..	Oct. 3	·89
,, ..7	Selborne (The Wakes)	Oct. 28	Nov. 21	25	8·23	..	..	..	..	Oct. 31	·84
										Nov. 16	
Northants. .4	Peterborough (Abbeyfields) ...	June 4	June 20	17	2·56	..	..	..	..	June 5	·52
Dorsetshire .3	Poole	Oct. 30	Nov. 17	19	7·77	Nov. 3	Nov. 17	15	6·20	Nov. 16	1·93
S. Devon ...4	Holne (Church Park Cottage) .	27.xi.34	Jan. 1	36	25·21	11.xii.34	Jan. 1	22	14·56	1.xii.34	2·22
		May 31	June 17	18	6·21	..	..	..	..	June 6	2·19
		Sept. 26	Oct. 11	16	5·57	..	..	..	..	Oct. 9	1·92
		Oct. 27	Nov. 20	25	10·40	..	..	..	..	Nov. 14	2·26
N. Devon ..2	Barnstaple (N. Dev. Athen'm)	30.xi.34	Jan. 3	35	8·50	..	..	..	..	5.xii.34	·80
		Feb. 11	Mar. 7	25	3·91	..	..	..	..	Feb. 25	·70
		Sept. 26	Oct. 11	16	5·27	..	..	..	..	Oct. 5	1·19
		Oct. 13	Nov. 16	35	6·39	..	..	..	..	Nov. 14	·90
,, ...3	Okehampton (Uplands)	1.xii.34	Jan. 3	34	16·14	..	..	..	..	8.xii.34	2·14
		Feb. 11	Mar. 3	21	7·11	..	..	..	..	Feb. 26	1·01
		Sept. 26	Nov. 20	56	15·68	Sept. 26	Oct. 11	16	5·68	Nov. 14	1·84
		Nov. 26	Dec. 11	16	3·87	..	..	..	..	Nov. 30	1·07
Cornwall ...2	St. Austell (Trevarna)	30.xi.34	Jan. 1	33	13·11	..	..	..	..	1.xii.34	1·48
		Feb. 18	Mar. 5	16	4·67	..	..	..	..	Mar. 1	·97
		Sept. 26	Oct. 11	16	3·83	..	..	..	..	Oct. 9	·85
		Nov. 2	Nov. 20	19	6·24	Nov. 2	Nov. 19	18	6·22	Nov. 14	1·09
Shropshire .3	Bishop's Castle (The Vicarage)	Oct. 29	Nov. 17	20	3·37	..	..	..	..	Nov. 14	·75

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
ENGLAND AND WALES —(*con.*).				days	in.			days	in.		in.
Shropshire .4	Shifnal (Hatton Grange)	Feb. 20	Mar. 6	15	2·12	..	..	..	..	Feb. 21	·35
		Oct. 30	Nov. 21	23	4·96	..	..	..	..	Nov. 14	·98
		Nov. 26	Dec. 14	19	2·08	..	..	..	..	Nov. 30	·46
Leicestershire4	Leicester (Stoughton Drive) ...	Oct. 26	Nov. 17	23	4·04	..	..	..	..	Oct. 31	·60
Cheshire ...2	Northwich (Hunts Lock)	Sept. 21	Oct. 5	15	4·40	..	..	..	..	Sept. 24	·90
Yorks, W.R. 8	Meltham (Harewood Lodge) ..	11.xii.34	Jan. 1	22	3·31	..	..	..	..	28.xii.34	·50
		June 1	June 20	20	3·35	..	..	..	..	June 17	·44
		Nov. 7	Nov. 22	16	5·35	..	..	..	..	Nov. 14	1·20
Yorks, N.R. 1	West Witton (Ivy House)	June 2	June 20	19	2·59	..	..	..	..	June 7	·59
		Nov. 7	Nov. 22	16	4·91	..	..	..	..	Nov. 17	1·18
,, N.R. 2	Felixkirk (Mount St. John) ...	Nov. 14	Dec. 1	18	3·76	..	..	..	..	Nov. 17	1·00
Durham ...2	Sunderland (W. Hendon Ho.) .	June 6	June 20	15	1·94	..	..	..	..	June 7	·36
Northumberland 6	Ilderton (Lilburn Tower Gdns.)	June 2	June 20	19	3·02	..	..	..	..	June 7	·40
Cumberland.1	Geltsdale.....	June 2	June 20	19	3·80	..	..	..	..	June 15	1·27
Westmorland2	Grasmere (The Wray)	Feb. 9	Mar. 6	26	15·77	Feb. 10	Feb. 24	15	14·12	Feb. 15	4·26
		Sept. 26	Oct. 13	18	7·39	..	..	..	..	Sept. 30	1·02
		Oct. 23	Nov. 6	15	8·07	..	..	..	..	Oct. 27	2·19
		Nov. 8	Nov. 22	15	3·51	..	..	..	..	Nov. 14	·66
Glamorgan..6	Treherbert (Tyn-y-waun).....	1.xii.34	Jan. 1	32	23·44	..	..	..	..	1.xii.34	2·23
		Feb. 11	Mar. 6	24	13·31	Feb. 11	Mar. 2	20	13·03	Feb. 15	2·45
		Sept. 26	Nov. 21	57	25·55	..	..	..	..	Nov. 14	2·45

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
ENGLAND AND WALES —(*con.*).				days	in.			days	in.		in.
Carmarthen 2	Carmarthen (The Friary)	Feb. 11	Mar. 5	23	4·43	..	..	..	..	Feb. 21	·80
		June 6	June 21	16	3·22	..	..	..	..	June 19	·75
		Sept. 26	Oct. 11	16	5·39	..	..	..	..	Sept. 27	1·09
		Oct. 18	Nov. 17	31	9·89	..	..	..	..	Nov. 14	1·44
Cardigan ...3	Lampeter (Falcondale)	Feb. 11	Mar. 5	23	5·14	..	..	..	..	Feb. 21	1·04
		Sept. 11	Oct. 31	51	15·87	Sept. 26	Oct. 10	15	5·54	Sept. 16	1·51
		Nov. 2	Nov. 17	16	6·22	..	..	..	..	Nov. 17	1·15
Radnor.....1	Birmingham W.W. (Tyrmynydd)	Feb. 11	Mar. 5	23	8·32	..	..	..	..	Feb. 15	1·40
		May 31	June 15	16	3·76	..	..	..	..	June 6	·88
		Oct. 7	Nov. 6	31	9·16	..	..	..	..	Oct. 27	1·22
Denbigh ...2	Denbigh (Garn)	Sept. 26	Oct. 13	18	5·39	Sept. 26	Oct. 11	16	5·37	Oct. 9	1·28
		Oct. 26	Nov. 14	20	2·94	..	..	..	..	Oct. 30	·81
		Nov. 24	Dec. 8	15	3·60	..	..	..	..	Dec. 3	1·19
Merioneth ..4	Dolgelley (Bontddu)	Oct. 13	Nov. 6	25	8·21	..	..	..	..	Oct. 27	1·43
Anglesey	Llanerchymedd (Ll'diarth Es.)	27.xi.34	Jan. 6	41	9·50	..	..	..	..	28.xii.34	1·02
		Feb. 8	Mar. 6	27	2·88	..	..	..	..	Feb. 19	·51
		Oct. 7	Nov. 21	46	10·34	..	..	..	..	Oct. 9	1·58
CHANNEL ISLANDS											
Guernsey ...	St. Peter Port (Grange Road) .	Oct. 29	Nov. 17	20	6·04	..	..	..	..	Nov. 7	1·53
		Nov. 26	Dec. 11	16	4·78	..	..	..	..	Nov. 30	1·22

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
SCOTLAND				days	in.			days	in.		in.
Wigtown ...3	Whithorn (Physgill)	Oct. 21	Nov. 9	20	4·08	..	..	..	..	Oct. 23	·55
Dumfries ...3	Dumfries (Crichton R. Inst.)...	June 2	June 17	16	2·75	..	..	..	..	June 16	·57
		Oct. 4	Oct. 19	16	3·09	..	..	..	..	Oct. 7	·78
Peebles 1	Edin. W.W. (Victoria Lodge) .	Nov. 5	Nov. 22	18	3·41	..	..	..	..	Nov. 17	1·08
Berwick ...4	Duns Castle	Oct. 23	Nov. 11	20	2·38	..	..	..	..	Nov. 9	·35
W. Lothian 2	Linlithgow (Preston House) ...	June 6	June 21	16	1·80	..	..	..	..	June 10	·32
Lanarkshire 5	Strathaven (Dungavel).....	Feb. 10	Feb. 24	15	5·16	..	..	..	..	Feb. 15	1·23
Ayrshire ...6	Maybole (Culzean Castle Gdns.)	Nov. 24	Dec. 8	15	3·29	..	..	..	..	Nov. 30	·77
Renfrew ...3	Greenock (Prospect Hill)	Oct. 6	Oct. 23	18	8·12	Oct. 7	Oct. 23	17	8·09	Oct. 18	1·18
		Nov. 24	Dec. 8	15	4·27	..	..	..	..	Nov. 30	·69
Buteshire ..3	Dougarie Lodge	Nov. 24	Dec. 8	15	3·93	..	..	..	..	Nov. 29	1·22
Argyllshire..8	Lochgilphead (Poltalloch)	Oct. 7	Nov. 3	28	12·91	Oct. 7	Nov. 3	28	12·91	Oct. 27	·99
		Nov. 24	Dec. 8	15	5·13	Nov. 24	Dec. 8	15	5·13	Nov. 27	·75
,, .14	Islay (Eallabus)	Oct. 6	Nov. 17	43	14·97	Oct. 7	Oct. 30	24	10·15	Nov. 11	1·61
						Nov. 1	Nov. 17	17	4·78		
,, .14	Mull (Gruline)	Jan. 22	Feb. 6	16	4·88	Jan. 22	Feb. 5	15	4·87	Jan. 31	1·64
		Mar. 21	April 5	16	2·76	..	..	..	..	Mar. 24	·56
		Oct. 6	Nov. 3	29	14·95	Oct. 7	Nov. 3	28	14·94	Oct. 13	1·22
		Nov. 23	Dec. 11	19	5·48	Nov. 23	Dec. 8	16	5·43	Nov. 30	·62
,, .14	Tiree	Jan. 22	Feb. 5	15	1·61	..	..	..	..	Jan. 31	·34
		Oct. 7	Nov. 19	44	11·54	..	..	..	..	Nov. 11	1·44
		Nov. 23	Dec. 8	16	3·47	..	..	..	..	Nov. 26	·56

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
SCOTLAND —(*con.*).				days	in.			days	in.		in.
Aberdeen ..1	Balmoral Castle Gardens	Feb. 13	Mar. 5	21	3·16	..	..	..	..	Mar. 2	·49
		April 1	April 22	22	5·05	..	..	..	..	April 16	·82
		June 2	June 20	19	2·90	..	..	..	..	June 16	·52
		Sept. 20	Oct. 7	18	2·52	..	..	..	..	Oct. 3	·76
		Oct. 26	Nov. 11	17	3·24	..	..	..	..	Nov. 9	·82
,, ..4	Peterhead (Forehill Works) ...	Aug. 23	Sept. 6	15	2·59	..	.	..	..	Aug. 28	·64
Inverness ..3	Cluny Castle.....	Oct. 3	Oct. 21	19	5·90	..	..	..	..	Oct. 19	1·24
,, .16	Fort William (The Factory) ...	Jan. 21	Feb. 5	16	4·61	..	..	..	..	Feb. 1	1·36
		June 4	June 24	21	5·37	..	..	..	..	June 21	·86
		Sept. 26	Nov. 3	39	17·21	Oct. 7	Oct. 21	15	8·52	Oct. 18	1·93
,, .18	Skye (Portree)	Jan. 21	Feb. 6	17	3·89	..	..	..	..	Jan. 31	·99
		Feb. 9	Feb. 27	19	7·02	..	..	..	..	Feb. 18	1·07
		Mar. 18	April 5	19	4·15	..	..	..	..	Mar. 24	·73
		Oct. 6	Nov. 3	29	11·92	Oct. 6	Nov. 3	29	11·92	Oct. 18	1·48
Ross and Cromarty.7	Ullapool	Feb. 11	Feb. 25	15	4·45	..	..	..	..	Feb. 18	1·20
		Mar. 19	April 5	18	4·26	..	..	..	..	Mar. 29	·67
		Oct. 3	Oct. 21	19	5·63	..	..	..	..	Oct. 19	·96
		Nov. 23	Dec. 8	16	3·96	..	..	..	..	Nov. 25	·62
,, ,, 10	Stornoway (C. Guard Stn.)	Feb. 9	Feb. 23	15	3·69	..	..	..	..	Feb. 18	·93
		Mar. 17	April 5	20	3·44	..	..	..	..	Mar. 29	·50
		Sept. 26	Nov. 6	42	9·00	Oct. 4	Oct. 24	21	6·00	Oct. 18	1·08
Sutherland..1	Lairg	Sept. 10	Sept. 29	20	3·79	..	..	..	..	Sept. 18	·68
		Oct. 9	Nov. 11	34	7·48	..	..	..	..	Nov. 9	1·08

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
SCOTLAND —(*con.*).				days	in.			days	in.		in.
Sutherland..5	Loch More (Achfary)	Jan. 19	Feb. 7	20	7·75	Jan. 20	Feb. 6	18	7·71	Jan. 31	1·64
		Feb. 9	Feb. 25	17	7·55	Feb. 9	Feb. 25	17	7·55	Feb. 18	1·60
		Mar. 17	April 5	20	8·36	Mar. 18	April 5	19	8·35	Mar. 30	1·73
		Sept. 10	Nov. 5	57	25·32	Oct. 2	Oct. 22	21	12·75	Oct. 18	1·91
Caithness ..3	Thurso (Buckies)	30.xii.34	Jan. 14	16	3·22	..	..	..	..	Jan. 11	·80
		Sept. 22	Oct. 7	16	3·02	..	..	..	..	Oct. 5	·85
		Nov. 15	Dec. 8	24	4·38	Nov. 20	Dec. 8	19	2·98	Nov. 17	1·06
IRELAND											
Co. Cork....6	Dunmanway (The Rectory) ...	28.xi.34	Jan. 1	35	13·10	..	..	..	..	3,25.xii.34	1·16
		Sept. 8	Sept. 23	16	6·43	..	..	..	..	Sept. 16	1·35
		Oct. 27	Nov. 20	25	5·67	Oct. 28	Nov. 15	19	4·56	Nov. 11, 18	·70
„ ..7	Glanmire (Lota Lodge)	June 1	June 15	15	4·07	..	..	..	..	June 13	1·35
		Sept. 8	Sept. 23	16	4·73	..	..	..	..	Sept. 16	1·04
„ ..9	Mallow (Longueville)	Feb. 18	Mar. 5	16	3·43	..	..	..	..	Feb. 26	·86
		June 1	June 22	22	4·16	June 1	June 15	15	2·93	June 13	·58
		Nov. 7	Nov. 21	15	2·42	..	..	..	..	Nov. 11	·64
Co. Kerry ..3	Valentia Observatory	28.xi.34	Jan. 2	36	14·62	..	..	..	..	21.xii.34	1·20
		June 1	June 15	15	3·76	..	..	..	..	June 10	·73
		Sept. 8	Sept. 27	20	4·80	Sept. 8	Sept. 23	16	4·22	Sept. 16	·77
		Sept. 29	Oct. 15	17	3·46	..	..	..	..	Sept. 29	·55
		Oct. 28	Nov. 20	24	7·71	..	..	..	..	Nov. 11	·86

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spells.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
IRELAND —(*con.*).				days	in.			days	in.		in.
Co. Waterford.....3	Waterford (Gortmore)	Sept. 10	Oct. 3	24	6·30	Sept. 10	Sept. 24	15	4·29	Sept. 11	1·06
Co. Tipperary 1	Nenagh (Castle Lough)	30.xi.34	Jan. 3	35	7·46	..	..	..	..	4.xii.34	·71
		June 1	June 15	15	2·56	..	..	..	..	June 6	·38
		Oct. 17	Nov. 14	29	5·00	..	..	..	..	Nov. 11	·97
		Nov. 25	Dec. 9	15	2·49	..	..	..	..	Nov. 30	·75
„ ...3	Cashel (Ballinamona)	June 1	June 21	21	4·99	.	..	..	..	June 13	·93
		Oct. 17	Nov. 5	20	3·03	..	..	..	..	Nov. 1	·50
Co. Limerick 2	Foynes (Coolnanes)	20.xii.34	Jan. 3	15	2·49	..	..	..	..	22.xii.34	·72
		June 1	June 15	15	2·07	..	..	..	..	June 3	·30
		Oct. 18	Nov. 8	22	4·90	..	..	..	..	Nov. 3	·74
Co. Leix ...2	Abbey Leix (Blandsfort)	June 1	June 19	19	4·93	..	..	..	..	June 13	·93
Co. Dublin .2	Dublin City (FitzWilliam Sq.) .	June 6	June 20	15	1·84	..	..	..	..	June 17	·61
Co. Meath ..4	Kells (Headfort)	Feb. 10	Mar. 5	24	4·15	..	..	..	.	Feb. 24	1·10
		June 1	June 19	19	3·63	..	..	..	..	June 19	·74
Co. Westmeath ...1	Mullingar (Belvedere Ho.)	Feb. 10	Feb. 24	15	3·09	..	..	..	..	Feb. 24	·85
		June 1	June 21	21	5·55	..	..	..	..	June 19	·86
		Oct. 17	Nov. 5	20	3·69	..	..	..	..	Nov. 2	·54
Co. Galway .2	Ballynahinch Castle	Feb. 10	Feb. 24	15	2·99	Feb. 10	Feb. 24	15	2·99	Feb. 18	·40
		Oct. 27	Nov. 19	24	9·78	Oct. 27	Nov. 16	21	9·00	Nov. 14	·95
Co. Mayo ..4	Mallaranny	30.xi.34	Jan. 3	35	8·78	..	..	..	..	11.xii.34	·50
		Feb. 9	Feb. 24	16	3·65	..	..	..	..	Feb. 15	·54
		Oct. 7	Oct. 31	25	6·37	..	..	..	..	Oct. 8	·60
		Nov. 2	Nov. 16	15	5·16	..	..	..	..	Nov. 12	·85

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

Table XI.—*Rain Spells and Wet Spells in* 1935—(*con.*).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a day during Rain Spells	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
IRELAND —(*con.*).				days	in.			days	in.		in.
Co. Sligo ...2	Collooney (Markree Cas.)	Feb. 9	Feb. 24	16	2·44	Feb. 10	Feb. 24	15	2·41	Feb. 15	·36
		Oct. 17	Nov. 6	21	4·63	Oct. 17	Nov. 5	20	4·62	Oct. 29	·61
Co. Ferm'gh 1	Newtownbutler (Crom Castle)..	30.xi.34	Jan. 1	33	5·63	..	..	..	..	25.xii. 34	·70
		Feb. 10	Feb. 24	15	2·80	..	..	..	..	Feb. 15	·91
		June 1	June 22	22	3·86	June 2	June 21	20	3·80	June 19	·49
		Sept. 23	Oct. 15	23	2·75	..	..	..	..	Sept. 24	·44
		Oct. 17	Nov. 14	29	5·99	..	..	..	..	Nov. 11	1·58
Co. Down...2	Seaforde	June 2	June 22	21	4·41	..	..	..	..	June 6	·77
		Oct. 14	Oct. 30	17	2·82	..	..	..	..	Oct. 23	·51
Co. Antrim .5	Ballymena (Harryville)	30.ix.34	Jan. 1	33	6·01	..	..	..	..	25.xii.34	·77
		Feb. 9	Feb. 24	16	2·43	..	..	..	..	Feb. 15	·56
		June 2	June 17	16	3·55	June 2	June 17	16	3·55	June 3	·69
		Oct. 17	Nov. 11	26	7·13	..	..	..	..	Nov. 11	1·07
Co. Tyrone .3	Omagh (Edenfel)	Feb. 9	Feb. 24	16	3·63	..	..	..	..	Feb. 15	1·53
		June 2	June 22	21	3·81	..	..	..	..	June 13	·50
		Oct. 7	Nov. 6	31	5·48	..	..	..	..	Oct. 30	·50
Co. Donegal.2	Buncrana Rectory	Feb. 9	Feb. 23	15	2·01	..	..	..	..	Feb. 15	·35
		June 2	June 16	15	3·86	..	..	..	..	June 7	1·28
		Sept. 24	Nov. 6	44	9·54	..	..	..	..	Oct. 27	·82
		Nov. 25	Dec. 9	15	3·73	..	..	..	..	Nov. 30	·61

* At least 15 days, each credited with ·01 inch or more.

† At least 15 days, each credited with ·04 inch or more.

5. DURATION OF RAINFALL IN 1935.

The duration of rainfall is obtained from measurements of the records of autographic gauges. On these records the amount of rain is measured vertically and the duration of the rainfall is measured horizontally, in accordance with scales which are printed upon the charts before they are placed in position in the gauges. The pen of an autographic gauge writes a horizontal line on the record during such time as no rain is falling, and it writes a more or less sloping line whenever rain is passing into the receiver of the gauge.

The duration of rainfall discussed in this section is defined as the length of time during which rain is falling at a rate not less than 0·1 mm. per hour, *i.e.*, ·004 in. per hour. The tabulations at all the official stations are made according to this convention, which was first brought into general use in *British Rainfall*, 1920. It was adopted because during very light rainfall it was found to be almost impossible to decide upon the exact point on the record where the change from "no rain" to "rain" occurred. By taking a definite limiting slope of the trace as the criterion this difficulty is to a great extent avoided and it is found possible to obtain comparable measurements from different gauges and from different observers. The limit of 0·1 mm. (·004 in.) per hour is low enough to ensure that no fall of practical importance is excluded.

The list of stations reporting duration of rainfall for 1935 is given in Tables XII and XIII. These tables have been arranged in this volume so as to give information of the total duration of rainfall and of the mean rate of rainfall for the same stations at one opening. The distribution of the stations for 1934 was shown on a map on p. 42 of *British Rainfall*, 1934. The only station for which records are no longer available is Worksop (Hodsock) but those at Dover (River, Gwydyr), Ickenham, Edgware, Barnet, Plymouth (Freedom Park), and Rotherham are not included in the tables, since they are incomplete for the year. Additional records for 1935 are available for Tables XII and XIII from the following stations:— Manston Aerodrome (an official station of the Meteorological Office), Bedford, Colchester, Birmingham, Skipton (Embsay Moor) and Dewsbury (each maintained by the respective Corporations) and Bala (maintained by the Dee Catchment Board). There have been small changes in the location of the gauges in operation at Plymouth and Eastbourne. For 1935 the net gain is one station in Wales. Incomplete records have also been received from Ilford (Valentines Park), Bexley Heath and Balmoral Castle.

Hourly total values of the duration of rainfall, and totals for the days and months commencing at midnight, for the four Observatories

Kew, Eskdalemuir, Aberdeen and Valentia are to be found in the *Observatories' Year Book.*

Table XII sets out the duration of rainfall expressed in hours at 93 stations in the British Isles, for each month and for the whole year of 1935. The station with the highest aggregate duration for the year is Glenleven (Blackwater Dam) with a duration of 1,663 hours. This period is equivalent to a total of about 69 days, or over 4½ hours per day throughout the year. The only other stations with aggregates reaching or exceeding 1,000 hours were Snowdon, Cray Reservoir (Brecon), Eskdalemuir Observatory and Bala with 1,261, 1,255, 1,184 and 1,007 hours respectively. The smallest aggregates for the year occurred at stations near London, where rather less than 300 hours, or less than one hour per day, were recorded.

The only months during which no station recorded as many as 100 hours of rainfall were May, July and August, while values exceeding 200 hours occurred only in February and October at Glenleven, when the values were 218 and 248 hours respectively.

The month of least duration was July over most of England and Wales and the south-east of Ireland; May over the north of England including the Pennines and over most of Ireland and Scotland, and August in Aberdeenshire. During July most stations in the south-eastern half of England recorded a duration of less than 10 hours, while at Eastbourne and in parts of Essex, Suffolk and Nottingham the total was only two or three hours. A few stations in the south-east of England gave less than 10 hours during March and near Sheffield and Kilmarnock during May.

The month of largest duration was generally November over the southern half of England; October over the northern half of England, Wales, Scotland and the north of Ireland, and September in the south of Ireland and at Holyhead. The duration during the four months September to December exceeded half that for the whole year at certain stations, *e.g.*, Eastbourne, Petersfield, Falmouth, Ross-on-Wye and Swansea.

Table XIII sets out the mean monthly and annual values of rate of rainfall at each of the stations of Table XII. The values are obtained by dividing the total fall for the month or year by the duration as given in the preceding table. The mean rates for the year vary from ·092 in. at Snowdon (Cwm Dyli) to ·031 in. per hour at Armagh Observatory. The highest mean rates were recorded in July, when values exceeding ·200 in. per hour occurred at Kingston, Kew Observatory, Dover and Felixstowe. The largest value was ·318 in. per hour at Felixstowe and this was due mainly to a fall of ·63 in. in 1·3 hour on the 20th, of which ·20 in. fell in 4½ minutes and this fall qualifies for inclusion in Table XV, Heavy Falls in Short Periods. Monthly entries of less than ·030 in. per hour occurred at only a few stations.

Table XII.—*Duration of Rainfall at 93 Stations during 1935. (Monthly and Annual values.)*

For the purposes of this table the month commences either at 7 a.m. or 9 a.m. G.M.T. on the first day of the month and ends at the same hour on the first day of the following month.

County and River Division.	Station.	Pattern of Gauge.	H't. above Sea.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
			ft.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
London 2	Kensington Palace	Hyeto	80	43	51	14	68	29	55	8	29	52	47	83	65	544
„ 2	Fulham (Bishops Park).....	Hyeto	15	37	46	10	64	27	47	6	18	38	39	68	49	449
„ 2	Hampstead Observatory.....	Hyeto	451	45	59	13	74	31	60	8	28	55	42	93	79	587
„ 2	St. Pancras (Camden Square).	Hyeto	111	29	49	14	64	29	50	6	24	48	39	84	63	499
Surrey 4	Croydon (Airport)	Nat. Syphon	217	54	70	9	78	32	60	13	37	54	69	114	108	698
„ 5	Leatherhead (Dunard Lodge)	Nat. Syphon	233	30	61	10	(55)	29	52	11	30	51	58	97	77	561
„ 5	Kingston (Sewage Works)....	Nat. Syphon	25	28	40	4	49	25	39	7	22	36	32	64	44	390
„ 5	Kew Observatory	Beckley	20	26	49	10	57	25	46	8	24	39	34	73	51	442
Kent 1	Dover (Waterloo Crescent)...	Hyeto	22	64	87	7	70	33	38	4	46	50	55	100	91	645
„ 2	Lympne (Airport)	Hyeto*	346	75	89	11	77	32	40	5	48	58	60	101	91	687
„ 2	Ramsgate (East Cliff).....	Nat. Syphon	82	47	61	4	53	26	34	4	26	28	40	66	60	449
„ 2	Manston (Aerodrome)	Nat. Syphon	142	56	67	4	55	25	30	4	30	30	44	80	66	491
„ 4	Strood Waterworks.....	Nat. Syphon	112	57	80	8	73	28	43	4	29	42	50	78	71	563
Sussex 5	Eastbourne (Wilmington Squ.)	N. & Z. Float	20	20	61	21	57	23	30	2	33	55	43	91	74	510
Hampshire ..4	Calshot (Aerodrome)	Nat. Syphon	9	23	55	28	56	27	54	13	44	63	68	114	73	618
„ ..7	Petersfield (Stoner Hill).....	Hyeto	750	26	72	19	74	21	49	13	38	74	80	127	88	681
„ ..8	South Farnborough (R.A.E.).	Hyeto	237	21	65	13	67	27	48	14	33	58	58	93	77	574
Middlesex ...1	Twickenham Sewage Works..	Hyeto	38	23	45	8	57	25	41	9	22	30	33	64	40	397
„ ...1	Hayes Sewage Works.....	Hyeto	124	22	45	8	55	17	47	10	19	46	33	62	45	409
„ ...1	Greenford.....	Hyeto	61	19	35	8	51	16	32	7	18	40	33	68	53	380
„ ...1	Wealdstone Sewage Works...	Hyeto	155	20	44	11	53	14	38	4	14	37	24	59	47	365
„ ...2	Palmers Gn. (Broomfield Park)	Casella	138	29	53	10	61	24	51	7	20	44	37	81	62	479
Herts. 2	Harpenden (Rothamsted)....	Nat. Syphon	420	23	59	13	70	23	46	7	23	46	37	88	70	505
Bucks 3	Eton (Tangier Island)	Nat. Syphon	78	18	38	8	57	21	47	9	31	45	36	83	59	452
Oxon. 3	Upper Heyford (Aerodrome)..	Nat. Syphon	408	28	66	22	89	29	71	15	33	75	67	125	81	701
„ 4	Harpsden (Cray)	Nat. Syphon	230	14	36	12	57	18	35	8	21	44	43	66	55	409
Beds.....3	Bedford (Bedford Park)	Nat. Syphon	117	..	..	13	47	24	39	7	26	49	29	76	35	..
Essex.....1	Leyton Sewage Works.....	Hyeto	22	32	39	11	51	25	39	8	22	33	30	77	71	438
„ 5	Colchester (Waterworks)	Nat. Syphon	38	48	54	13	45	20	32	2	27	36	30	54	44	405

* Replaced by Dines Tilting Syphon rain-gauge during 1935.

Table XIII.—*Mean Rate of Rainfall at 93 Stations during 1935. (Monthly and Annual values.)*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.
London 2	Kensington Palace.....	·025	·039	·026	·041	·044	·063	·079	·070	·055	·047	·048	·040	·046
„ 2	Fulham (Bishops Park).....	·026	·046	·034	·048	·043	·065	·127	·100	·078	·053	·050	·046	·053
„ 2	Hampstead Observatory	·029	·040	·028	·043	·037	·055	·104	·074	·065	·060	·047	·037	·048
„ 2	St. Pancras (Camden Square).....	·037	·045	·027	·048	·037	·056	·143	·075	·063	·070	·046	·042	·051
Surrey 4	Croydon (Airport)	·021	·046	·025	·037	·045	·044	·107	·083	·065	·052	·042	·038	·045
„ 5	Leatherhead (Dunard Lodge).....	·037	·061	·050	(·050)	·064	·076	·088	·106	·076	·065	·069	·055	·065
„ 5	Kingston (Sewage Works).....	·035	·061	·068	·058	·045	·095	·207	·103	·079	·070	·064	·050	·068
„ 5	Kew Observatory	·033	·047	·037	·049	·053	·074	·202	·081	·065	·061	·058	·043	·059
Kent.....1	Dover (Waterloo Crescent).....	·038	·036	·030	·054	·069	·065	·076	·087	·072	·059	·063	·034	·054
„ 2	Lympne (Airport)	·022	·034	·014	·046	·050	·076	·048	·103	·062	·057	·063	·037	·051
„ 2	Ramsgate (East Cliff).....	·062	·034	·027	·051	·068	·069	·080	·127	·105	·056	·053	·033	·058
„ 2	Manston (Aerodrome).....	·036	·030	·024	·045	·085	·083	·049	·099	·103	·047	·054	·028	·052
„ 4	Strood Waterworks.....	·022	·037	·055	·041	·051	·044	·095	·080	·081	·056	·058	·035	·048
Sussex 5	Eastbourne (Wilmington Squ.)....	·045	·068	·032	·066	·055	·062	·100	·131	·108	·108	·078	·050	·075
Hampshire.....4	Calshot (Aerodrome)	·034	·052	·028	·049	·046	·047	·140	·085	·069	·059	·061	·042	·056
„ 7	Petersfield (Stoner Hill).....	·042	·076	·047	·059	·053	·083	·074	·076	·081	·080	·079	·066	·072
„ 8	South Farnborough (R.A.E.).....	·037	·049	·033	·049	·047	·063	·124	·105	·067	·057	·060	·040	·058
Middlesex 1	Twickenham Sewage Works.....	·034	·050	·031	·045	·057	·091	·194	·096	·081	·063	·064	·045	·064
„ 1	Hayes Sewage Works.....	·034	·049	·040	·047	·050	·076	·066	·105	·071	·074	·067	·057	·062
„ 1	Greenford	·046	·056	·046	·054	·061	·114	·183	·120	·101	·075	·066	·054	·073
„ 1	Wealdstone Sewage Works.....	·042	·052	·031	·052	·051	·078	·291	·112	·098	·100	·068	·061	·070
„ 2	Palmers Green (Broomfield Park)..	·044	·049	·049	·052	·049	·074	·147	·108	·087	·086	·052	·046	·062
Herts.....2	Harpenden (Rothamsted).....	·037	·045	·041	·051	·074	·062	·131	·065	·091	·075	·057	·041	·058
Bucks. 3	Eton (Tangier Island)	·039	·066	·048	·053	·052	·086	·167	·059	·083	·078	·056	·042	·064
Oxon 3	Upper Heyford (Aerodrome).....	·021	·037	·027	·039	·054	·064	·048	·057	·056	·049	·038	·041	·045
„ 4	Harpsden (Cray)	·043	·057	·041	·058	·086	·101	·065	·090	·092	·080	·055	·051	·068
Beds. 3	Bedford (Bedford Park)	..	..	·032	·058	·047	·050	·084	·066	·088	·076	·048	·047	..
Essex 1	Leyton Sewage Works.....	·037	·052	·036	·053	·045	·071	·147	·077	·078	·096	·045	·033	·056
„ 5	Colchester (Waterworks).....	·054	·047	·044	·057	·065	·098	·097	·047	·087	·076	·066	·056	·063

Table XII.—*Duration of Rainfall at* 93 *Stations during* 1935—(*con.*).

County and River Division.	Station.	Pattern of Gauge.	H't. above Sea.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
			ft.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Suffolk.....2	Copdock	Casella	164	57	58	15	40	28	40	3	19	43	30	73	56	462
,, ...3	Felixstowe (Aerodrome).....	Nat. Syphon	15	57	50	15	34	24	34	3	18	31	32	41	62	401
Wilts. 3	Salisbury (Sewage Works) ..	Nat. Syphon	147	14	53	21	72	15	51	8	39	58	77	102	87	597
,, ...3	Porton (W.D. Ex. Station)...	Hyeto	363	11	51	15	62	18	46	9	22	48	60	86	75	503
,, ...3	Amesbury (Boscombe D. Aero.)	Nat. Syphon	419	24	56	19	68	20	53	10	23	61	66	101	82	583
Dorset 3	Poole.....	Hyeto	8	21	56	34	73	27	53	12	40	63	86	103	65	633
S. Devon....2	Plymouth (Mt. Batten Aero.) .	Nat. Syphon	82	17	58	20	80	29	66	12	38	65	70	98	81	634
,, ...2	Plymouth (The Hoe)	Hyeto	208	15	59	16	88	27	69	14	40	80	72	99	81	660
,, ...4	Princetown (H.M. Prison) ...	Nat. Syphon	1430	..	136	47	..	..	141	44	47	129	168	135	..	..
,, ...5	Chagford (Metherall)	Casella	1150	28	125	29	117	55	89	17	45	95	104	122	112	938
Cornwall 2	Falmouth Observatory	Beckley	167	37	100	30	84	34	59	11	47	101	113	113	86	815
Hereford 1	Ross-on-Wye.....	Hyeto	224	17	34	12	68	18	37	4	19	35	60	81	57	442
Stafford.....3	West Bromwich.....	Hyeto	543	28	42	28	63	23	32	6	25	46	64	105	75	537
,, ...5	Mayfield.....	Casella	374	58	81	30	78	27	74	20	26	71	128	121	96	810
Warwick 4	Birmingham (Handsworth Pk.)	Hyeto	424	23	42	22	60	24	31	6	21	35	55	84	49	452
,, ...4	,, (Erdington, Spring Ln.)	Hyeto	386	18	43	20	58	21	29	5	20	35	52	81	53	435
Leicester ...4	Loughborough (Nanpantan R.)	Hyeto	269	29	55	23	70	22	59	5	15	42	46	76	63	505
Lincoln 3	Cranwell (Aerodrome)	Nat. Syphon	242	72	56	30	59	13	47	9	25	56	44	127	93	631
Nottingham..2	Sutton Bonington (Agric. Coll.)	Hyeto	159	18	37	18	47	13	32	3	13	44	51	74	66	416
,, 5	Nottingham (Trent Lane)....	Fernley	83	30	40	27	57	14	47	4	19	53	53	94	49	487
Derby 6	Burbage (Lower Burbage)....	Hyeto	925	52	107	30	75	11	51	20	26	65	111	111	89	748
Cheshire 3	Birkenhead (Bidston Obs.)...	Nat. Syphon	198	50	66	31	46	38	67	24	26	88	75	75	57	643
S. Lancs.....3	Manchester (Barton Airport)..	Nat. Syphon	70	75	76	31	71	27	62	17	25	84	120	101	62	751
,, ...3	Bolton (Queen's Park).....	Fernley	342	66	90	42	69	23	65	25	24	74	126	87	57	748
C. Lancs. ...1	Accrington	Nat. Syphon	646	56	130	30	78	19	65	35	31	98	170	104	68	884
,, ...1	Nelson (Walton Lane)	Hyeto	540	50	119	32	48	18	56	33	23	93	168	105	73	818
,, ...2	Leyland (Worden Hall)	Fernley	125	39	82	26	52	28	39	21	26	75	114	79	57	638
,, ...3	Southport (Hesketh Park)....	Fernley	39	47	69	28	46	33	60	18	24	67	102	87	47	628
N. Lancs. ...4	Lancaster (Greg Observatory).	Beckley	312	49	89	23	52	18	57	31	43	87	105	72	43	669
W.R. Yorks..7	Sheffield W.W. (Rivelin).....	Hyeto	564	43	90	25	54	7	48	18	22	68	109	123	73	680
,, ..7	Langsett Moor (Swinden Lodge)	Nat. Syphon	1038	50	111	36	59	11	51	31	27	77	154	126	73	806
,, ..8	Dewsbury (Municipal Offices).	Hyeto	225	23	44	23	28	8	29	16	18	44	72	72	43	420

Table XIII.—*Mean Rate of Rainfall at* 93 *Stations during* 1935—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ins per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.
Suffolk 2	Copdock	·044	·050	·054	·052	·067	·070	·118	·061	·077	·108	·060	·047	·061
,, ...3	Felixstowe (Aerodrome)	·043	·052	·040	·053	·074	·075	·318	·094	·114	·054	·067	·033	·061
Wilts. 3	Salisbury (Sewage Works)	·051	·060	·039	·049	·059	·077	·052	·043	·063	·067	·076	·055	·061
,, ...3	Porton (W.D. Ex. Station).....	·048	·062	·054	·061	·046	·090	·078	·086	·075	·088	·076	·059	·071
,, ...3	Amesbury (Boscombe Down Aero.)	·031	·049	·039	·057	·043	·069	·150	·082	·070	·072	·065	·053	·062
Dorset 3	Poole	·045	·061	·030	·049	·029	·070	·027	·072	·063	·073	·075	·077	·062
S. Devon 2	Plymouth (Mt. Batten Aero.)	·047	·051	·055	·074	·050	·054	·030	·074	·053	·065	·069	·069	·060
,, ...2	Plymouth (The Hoe)	·046	·058	·069	·056	·054	·059	·026	·073	·053	·070	·081	·075	·064
,, ...4	Princetown (H.M. Prison)	..	·069	·042	..	..	·065	·048	·070	·083	·065	·081	..	..
,, ...5	Chagford (Metherall)	·057	·063	·062	·073	·052	·074	·046	·061	·077	·072	·080	·078	·071
Cornwall.....2	Falmouth Observatory.....	·045	·044	·036	·059	·045	·058	·041	·085	·036	·046	·058	·071	·061
Hereford 1	Ross-on-Wye	·039	·057	·038	·059	·050	·087	·062	·065	·107	·060	·068	·061	·066
Stafford.....3	West Bromwich.....	·033	·060	·025	·057	·058	·082	·066	·081	·083	·053	·056	·049	·057
,, ...5	Mayfield	·024	·042	·035	·042	·023	·057	·042	·065	·068	·043	·044	·051	·046
Warwick 4	Birmingham (Handsworth Park) ..	·045	·062	·033	·056	·066	·083	·072	·079	·100	·060	·063	·074	·066
,, ...4	Birmingham (Erdington, Spring L.)	·055	·060	·036	·054	·057	·113	·050	·096	·117	·061	·064	·069	·069
Leicester 4	Loughborough (Nanpantan Res.) ..	·034	·043	·035	·049	·024	·046	·062	·135	·125	·085	·059	·066	·061
Lincoln.....3	Cranwell (Aerodrome).....	·031	·034	·015	·046	·030	·038	·071	·053	·089	·054	·039	·024	·041
Nottingham.....2	Sutton Bonington (Agric. College)..	·042	·052	·031	·063	·040	·092	·036	·160	·102	·058	·054	·047	·063
,, ...5	Nottingham (Trent Lane).....	·032	·054	·025	·049	·026	·059	·083	·157	·099	·053	·043	·057	·057
Derby 6	Burbage (Lower Burbage).....	·040	·050	·053	·048	·054	·077	·055	·072	·081	·064	·062	·050	·059
Cheshire 3	Birkenhead (Bidston Observatory).	·026	·034	·025	·039	·044	·051	·096	·057	·055	·051	·045	·061	·047
S. Lancs. 3	Manchester (Barton Airport).....	·025	·042	·037	·038	·037	·061	·055	·055	·075	·041	·048	·056	·047
,, ...3	Bolton (Queen's Park)	·047	·062	·046	·050	·062	·073	·069	·079	·099	·072	·056	·074	·066
C. Lancs. 1	Accrington	·048	·055	·038	·051	·070	·059	·053	·053	·080	·059	·054	·063	·058
,, ...1	Nelson (Walton Lane).....	·045	·065	·054	·049	·063	·078	·056	·065	·080	·065	·047	·044	·060
,, ...2	Leyland (Worden Hall)	·046	·054	·040	·059	·055	·062	·103	·085	·114	·061	·051	·055	·065
,, ...3	Southport (Hesketh Park)	·037	·046	·033	·042	·041	·064	·042	·093	·096	·048	·043	·067	·054
N. Lancs.....4	Lancaster (Greg Observatory).....	·036	·060	·062	·054	·083	·073	·076	·065	·104	·064	·059	·057	·067
W.R. Yorks.....7	Sheffield W.W. (Rivelin).....	·047	·057	·066	·066	·074	·076	·056	·088	·074	·063	·058	·070	·064
,, ...7	Langsett Moor (Swinden Lodge) ..	·060	·064	·061	·060	·045	·081	·058	·075	·085	·067	·063	·058	·066
,, ...8	Dewsbury (Municipal Offices)	·055	·054	·037	·121	·066	·064	·050	·155	·104	·069	·059	·042	·070

Table XII.—*Duration of Rainfall at 93 Stations during 1935—(con.).*

County and River Division.	Station.	Pattern of Gauge.	H't. above Sea.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
			ft.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
W.R. Yorks. .9	Haworth (Lower Laithe Res.).	Hyeto	771	61	124	42	63	13	56	41	23	106	168	158	84	939
,, ..9	Earby (Sewage Works).....	Hyeto	426	30	99	42	63	14	41	24	23	81	145	92	62	716
,, ..9	Skipton (Town Hall).....	Hyeto	368	36	99	35	51	14	57	21	26	95	158	104	61	757
,, ..9	Skipton (Embsay Moor)	Hyeto	670	53	140	52	73	19	67	19	35	130	176	142	70	976
N.R. Yorks..2	Felixkirk (Mt. St. John).....	Halliwell	542	61	66	25	60	23	50	7	38	71	59	116	64	640
,, ..2	Catterick (Aerodrome).....	Nat. Syphon	175	43	56	26	48	17	52	8	31	74	73	96	59	583
Durham 1	Billingham-on-Tees	Nat. Syphon	58	35	45	18	48	13	38	4	29	42	56	57	36	421
Glamorgan ..3	Swansea (Victoria Park).....	Hyeto	28	25	73	23	75	26	79	14	25	98	108	112	53	711
,, ..7	Cardiff (Penylan).....	Nat. Syphon	205	20	79	26	73	12	60	11	32	90	101	88	64	656
Brecon.....7	Cray Reservoir.....	Halliwell	1044	58	180	31	138	48	131	31	46	125	165	160	142	1255
Flint 1	Sealand (Aerodrome)	Hyeto	17	31	58	32	59	41	63	21	24	74	82	85	63	633
Merioneth ..1	Bala (Tegid Street).....	Nat. Syphon	537	61	152	33	81	28	83	43	42	100	163	128	93	1007
Carnarvon...5	Snowdon (Cwm Dyli).....	Beckley	310	101	175	50	101	39	117	38	50	124	188	168	110	1261
Anglesey	Holyhead (Salt Island).....	Hyeto*	26	31	57	20	52	20	61	9	29	91	77	80	51	578
Dumfries....5	Eskdalemuir Observatory ..	Beckley	794	86	140	76	108	19	117	70	88	111	186	116	67	1184
Berwick.....3	Swinton House	Hyeto	200	41	39	39	79	24	71	29	47	51	100	66	43	629
Midlothian ..5	Boghall (Col. of Agriculture)..	Hyeto	646	41	71	37	86	22	58	28	35	59	130	72	47	686
Lanark 4	Crawford (Camps Res.)	Nat. Syphon	970	60	84	48	86	18	74	46	43	87	154	101	42	843
Ayr 3	Kilmarnock (Kay Park).....	‡	132	63	88	41	51	9	53	36	25	64	114	61	46	651
Renfrew 2	Renfrew (Abbotsinch Aero.) .	Hyeto	33	64	111	45	86	7	67	34	31	74	139	74	57	789
,, ...3	Greenock (Prospect Hill).....	Hyeto	200	64	120	44	69	12	67	40	45	102	177	91	79	910
Argyll 4	Glenleven (Blackwater Dam)..	Hyeto	1072	150	218	127	100	31	141	98	99	191	248	137	123	1663
,, ...14	Tiree	Hyeto	22	89	96	34	76	21	55	62	68	70	120	82	71	844
Fife 3	Leuchars (Aerodrome)	Nat. Syphon	30	22	27	31	65	15	78	18	33	41	84	67	52	533
Angus 1	Kirriemuir (Lintrathen).....	Nat. Syphon	700	53	84	59	89	21	96	40	46	84	146	115	83	916
Aberdeen ...2	Aberdeen Observatory	Beckley	48	50	47	61	86	32	79	41	31	66	73	70	70	706
,, ...2	Dyce (Craibstone).....	Hyeto	300	44	39	57	84	36	71	36	34	59	87	76	72	695
Shetland	Lerwick Observatory	Hyeto	269	80	91	69	56	19	42	80	72	83	121	78	115	906
Cork.....7	Cork (University College)....	Hyeto	64	23	62	32	48	22	88	18	21	95	43	59	62	573
Kerry.....3	Valentia Observatory	Beckley	30	32	73	46	49	27	115	53	79	100	93	97	65	829
Armagh.....5	Armagh (Observatory).....	Beckley	209	78	118	47	100	23	82	43	53	108	119	101	90	962
Antrim 5	Aldergrove (Aerodrome)	Nat. Syphon	238	31	82	32	71	16	58	24	29	58	90	63	42	596

‡ Private construction. * Replaced by Dines Tilting Syphon rain-gauge during 1935.

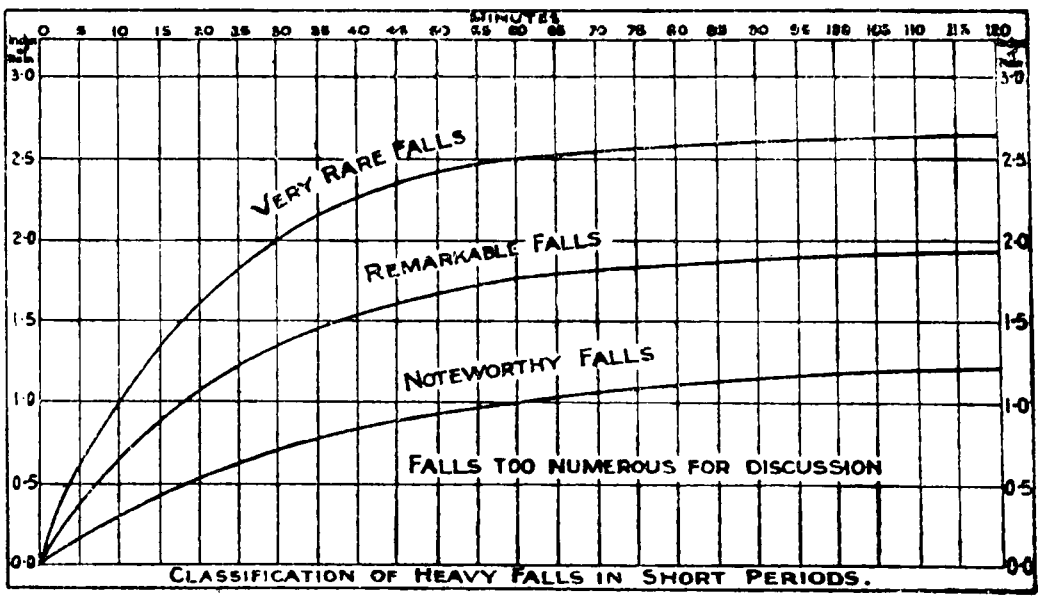
Table XIII.—*Mean Rate of Rainfall at* 93 *Stations during* 1935—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.
W.R. Yorks. 9	Haworth (Lower Laithe Res.).....	·039	·069	·048	·069	·066	·077	·040	·087	·074	·063	·051	·049	·060
,, ...9	Earby (Sewage Works).....	·048	·065	·032	·044	·084	·085	·049	·056	·098	·065	·051	·046	·061
,, ...9	Skipton (Town Hall)	·039	·052	·037	·069	·071	·063	·036	·058	·072	·048	·045	·041	·053
,, ...9	Skipton (Embsay Moor).....	·026	·041	·023	·042	·041	·058	·035	·040	·055	·038	·033	·036	·040
N.R. Yorks.....2	Felixkirk (Mt. St. John).....	·048	·046	·035	·046	·056	·067	·168	·086	·061	·064	·045	·042	·054
,, ...2	Catterick (Aerodrome)	·030	·041	·023	·037	·039	·043	·092	·058	·065	·049	·045	·027	·044
Durham 1	Billingham-on-Tees	·048	·068	·037	·055	·050	·061	·061	·048	·092	·072	·058	·059	·062
Glamorgan.....3	Swansea (Victoria Park).....	·045	·065	·051	·079	·082	·057	·043	·073	·075	·058	·070	·069	·066
,, ...7	Cardiff (Penylan).....	·043	·052	·039	·077	·064	·083	·060	·069	·094	·059	·072	·060	·068
Brecon 7	Cray Reservoir.....	·030	·050	·052	·067	·060	·057	·044	·055	·072	·054	·070	·045	·057
Flint 1	Sealand (Aerodrome)	·046	·040	·025	·035	·044	·044	·050	·059	·062	·044	·042	·049	·045
Merioneth 1	Bala (Tegid Street)	·037	·060	·060	·050	·055	·063	·037	·046	·082	·058	·052	·041	·055
Carnarvon 5	Snowdon (Cwm Dyli)	·071	·110	·081	·082	·089	·095	·082	·107	·126	·098	·084	·059	·092
Anglesey	Holyhead (Salt Island).....	·058	·059	·046	·043	·072	·054	·035	·061	·066	·062	·075	·069	·061
Dumfries 5	Eskdalemuir Observatory.....	·038	·055	·034	·054	·060	·046	·036	·057	·068	·054	·053	·042	·051
Berwick 3	Swinton House	·037	·036	·054	·036	·034	·043	·045	·067	·048	·038	·050	·032	·043
Midlothian.....5	Boghall (Col. of Agriculture)	·031	·037	·029	·043	·044	·041	·026	·070	·064	·053	·066	·027	·047
Lanark 4	Crawford (Camps Res.)	·035	·054	·034	·050	·052	·052	·028	·057	·059	·045	·056	·056	·049
Ayr 3	Kilmarnock (Kay Park).....	·043	·056	·063	·057	·070	·075	·057	·075	·097	·072	·074	·065	·067
Renfrew 2	Renfrew (Abbotsinch Aero.).....	·030	·040	·035	·035	·069	·060	·041	·054	·083	·060	·056	·056	·051
,, ...3	Greenock (Prospect Hill).....	·051	·071	·048	·056	·049	·051	·057	·065	·086	·072	·064	·055	·065
Argyll 4	Glenleven (Blackwater Dam).....	·047	·080	·048	·046	·034	·053	·046	·060	·086	·087	·062	·042	·064
,, ...14	Tiree	·037	·042	·066	·041	·047	·039	·035	·074	·072	·061	·086	·052	·054
Fife 3	Leuchars (Aerodrome).....	·048	·043	·037	·039	·055	·043	·044	·051	·074	·043	·060	·037	·047
Angus.....1	Kirriemuir (Lintrathen).....	·022	·032	·033	·037	·033	·042	·033	·039	·060	·043	·036	·033	·038
Aberdeen 2	Aberdeen Observatory	·035	·037	·034	·048	·050	·054	·071	·077	·064	·043	·061	·045	·050
,, ...2	Dyce (Craibstone)	·043	·049	·046	·051	·053	·055	·063	·094	·074	·044	·073	·055	·057
Shetland.....	Lerwick Observatory	·043	·051	·055	·040	·051	·048	·071	·059	·058	·054	·047	·053	·053
Cork 7	Cork (University College)	·037	·048	·049	·068	·032	·061	·028	·129	·071	·049	·078	·069	·062
Kerry 3	Valentia Observatory	·034	·069	·047	·076	·039	·071	·026	·059	·062	·052	·087	·066	·062
Armagh 5	Armagh (Observatory)	·018	·028	·026	·021	·037	·050	·026	·053	·035	·028	·038	·026	·031
Antrim 5	Aldergrove (Aerodrome).....	·039	·042	·046	·034	·058	·065	·045	·050	·057	·046	·061	·061	·049

6. HEAVY FALLS IN SHORT PERIODS IN 1935.

Heavy falls of rain in short periods are of considerable economic importance, for they are frequently of such intensity as to cause extensive flooding, often accompanied by much surface erosion and structural damage to property. Considerable damage may occur as a result of the accumulation of flood water below the area of heaviest rainfall. The amount of the damage depends on a number of other factors, such as the shape of the catchment area, the nature of the ground and vegetation, whether the water finally flows into the river or sea at high or low tide and the relative positions of the towns. In towns the floods may be aggravated by the failure of the drainage system to cope with the demands made upon it. The information given in this section supplements that in Section 7, Heavy Falls on Rainfall Days, which deals with falls of longer duration causing often more widespread flooding.

Since 1908, this section of *British Rainfall* has contained a classification of intense falls into three categories designated " worthy of notice," " remarkable," and " very rare." The classification has been effected by reference to a diagram of which a copy is reproduced. This diagram indicates by continuous curved lines the lower limits of rainfall which must fall in stated times in order that the fall may be admitted into one of the three categories.



CLASSIFICATION OF HEAVY FALLS IN SHORT PERIODS.

The diagram was prepared almost exclusively from eye observations of rainfall duration and from corresponding measurements of rainfall in ordinary rain-gauges.

On pp. 45–46 of *British Rainfall*, 1926, it was pointed out that the frequency of intense falls above the curve denoting the limit of noteworthy falls is in actual fact much greater for small intervals of time (*i.e.*, the left-hand side of the diagram) than for larger intervals (the right-hand side of the diagram). Consideration has therefore been given to the question of modifying the curves so that they may represent, as nearly as possible, rainfalls having a uniform frequency of incidence. A new classification-diagram has been prepared, and this will replace the 1908 diagram as from 1st January, 1936 ; full particulars are given in an article in Part IV of this volume. For 1935 the classification has been made by reference to the 1908 diagram (reproduced on the previous page) and in addition the entries in Table XV have been marked " N," " R," or " V " to indicate falls which would qualify as " noteworthy," " remarkable " or " very rare " by reference to the new diagram. In this way some idea may be formed of the nature of the change to be made next year.

A complete list of the recorded falls of " very rare " intensity of one hour or less is given in Table XIV, where readings of ordinary as well as of autographic gauges are included. There are two entries for 1935, *viz.*, at Melksham on June 25th and at Croydon on August 23rd. In Table XV particulars are given of falls recorded in 1935 which reached at least the intensity " worthy of notice." Unlike Table XIV, falls of longer duration than one hour are included, the upper limit being two hours. Not more than one entry is made for the same shower for any station. The entry gives the largest amount recorded with a mean intensity " worthy of notice," " remarkable," or " very rare," as the case may be, an entry at the higher rate being in general preferred. Unless the amount was ·20 inch or more, intense falls of less duration than five minutes are not included in the table, since in such cases the error is likely to be relatively large and such falls are not usually of practical importance.

In accordance with practice the geographical distribution of the heavy falls of Table XV is given in the following summary. The analysis probably separates the areas of more frequent and intense falls from those relatively immune, although it cannot be expected to indicate the actual relative frequency of intense falls in each area.

Number of Noteworthy Rains of Two Hours' Duration or less.

		England and Wales.								Per cent.
		S.E.	S.W.	N.E.	N.W.	Total.	Scotland.	Ireland.	British Isles.	of all records.
Average 1868–1935		17·5	8·5	4·9	2·8	33·7	2·5	1·7	37·8	1·0
1935	(*a*) ..	25	25	3	4	57	0	3	60	1·1
	(*b*) ..	19	3	6	6	34	4	1	39	0·7
	Sums ..	44	28	9	10	91	4	4	99	1·8

(*a*) Observations made without autographic rain-gauges.
(*b*) Readings of autographic gauges.

Most of the entries occur in south-east and south-west England. There are only four entries for Scotland and only four for Ireland.

The total number, 99, compares with 62 in 1934, 49 in 1933, 57 in 1932 and 104 in 1931. In making the comparison of the two sets of figures with the average values it should be remembered that since 1868 the number of observing stations has steadily increased, while the number of autographic rain-gauges has also increased more especially of recent years. A fairly good indication of the frequency of intense falls in 1935, in relation to the average, is probably provided by comparing the number of observations made without autographic rain-gauges expressed as a percentage of all records with the average. This indicates that the number of intense falls in short periods in 1935 closely approximated to the normal.

Usually about two-thirds of the total number of intense falls on record have occurred in the three months, June, July and August. That was the case in 1935 when there were 48 entries in June, 15 in July, 12 in August, 20 in September and one in each of the four months, April, May, October and November.

The only two entries in Table XV for the first five months of the year are those on April 14th at Cranwell and on May 28th from 4h. 3m. to 4h. 45m.* at Hertford Sewage Works.

Of the 48 entries for *June* as many as 39 occurred on the 25th. On the 5th at Sarnesfield Court, near Leominster, as much as 1·35 inches fell in half an hour at about 16h. On the 10th both Manston and Lympne Airport recorded heavy falls. At Lympne 1·00 inch fell in 25 minutes, of which ·39 inch fell in 6 minutes and ·20 inch in 2 minutes, the last amount qualifying as a "remarkable" fall. Entries for the 23rd occurred in Cardigan, Carnarvon, Anglesey and in Perthshire. Mr. J. H. Hamilton-Lee, the observer at Bangor, writes:—

> "As much as 1·20 inches fell in 38 minutes from 14h. 55m. to 15h. 33m., a large proportion of which fell between 15h. 18m. and 15h. 25m. Subsequently in a second thunderstorm 1·75 inches was measured, the bulk of which fell between 18h. 43m. and 20h.; during this period the intensity reached that in the earlier storm although no precise measurements are available. The chimney of a house at Menai Bridge, one mile west, was struck and there was remarkable damage to overhead transmission lines and the telephone service. The total rainfall for the 23rd was 3·09 inches and flooding occurred in the lower part of the town."

At Pen-y-Parc, near Beaumaris, Commodore Sir R. Williams-Bulkeley recorded ·98 inch between 15h. 10m. and 15h. 50m. when the thunderstorm developed into "something like a cloudburst." At Allean House, to the east of Loch Tummel, as much as 4 inches was recorded in 5½ hours, of which 2·72 inches fell in 2 hours after 1h. 10m. The entry ranks as "very rare." This storm, which occurred over a

* All times are G.M.T.

large part of Perthshire, was remarkable for the sustained heavy rain lasting 5 or 6 hours (*see* Section 7), but had additional recording gauges been available in this area, especially in the mountainous regions of the upper Almond, between Loch Freuchie and Loch Turret, additional entries for this section would undoubtedly have been secured.

The thunderstorm rains of Tuesday afternoon, June 25th, call for special comment, not only because of the large amounts recorded, but also because of the widely different localities affected. The storms were also remarkable for the frequency of the thunder and lightning over a prolonged period. Reports of intense rains qualifying for inclusion in this section have been received from the London district, Berkshire, Hampshire, Oxford, Wiltshire, Gloucester, Hereford, Northampton, Leicester, Rutland, Warwick, Monmouth, Carmarthen, Co. Tipperary and Co. Down. Some additional details are given in the section dealing with Heavy Falls on Rainfall Days, Section 7, especially with reference to the more prolonged storm near Bath. Over the County of London few stations recorded as much as half an inch, but in certain localities the intensity exceeded two inches an hour for periods up to 15 minutes. Much larger amounts were recorded to the south-west of London. The rain at Ewell of 3·25 inches is said to have fallen between 12h. 30m. and 14h. 30m., when jagged shaped pieces of ice, some of them an inch long, were found and local flooding occurred. This fall ranks as " very rare " and that at Sutton of 2·10 inches between 13h. 20m. and 14h. as " remarkable." At Dorking 1·59 inches fell between 9h. 30m. and 10h. 30m. and at Knap Hill, near Woking, ·85 inch between 11h. 55m. and 12h. 40m., of which ·60 inch fell between 12h. 10m. and 12h. 25m. At Upper Heyford, near Bicester, 1·00 inch fell in 30 minutes, of which ·39 inch fell in 9 minutes and ·20 inch in 6 minutes.

The following is an extract from the Weather Diary kept at Abingdon R.A.F. Station :—

> " At 12h. 50m. large Cu and Cunb slowly spread in from the south-east, at which time thunder commenced, followed by vivid lightning flashes. By 13h. 30m. the sky had become covered by Cunb, and rain commenced to fall, and a very severe thunderstorm occurred. Very heavy rain, with a few large hail-stones, commenced at 13h. 35m., accompanied by cannon-like crashes of thunder and exceedingly vivid lightning. The storm centre passed almost overhead and at times the rain was torrential. Thunder continued until about 15h. 00m., although the main centre of the storm had passed to the west-north-west by about 14h. 15m. Sky remained overcast, and intermittent rain occurred for the remainder of the day and there was another slight thunderstorm during the evening."

Five other falls for this day rank as " very rare " :—At Sudbrook, near Chepstow, 2·77 inches fell in 70 minutes between 14h. 20m. and 15h. 30m. ; at Devizes 1·87 inches fell between 14h. 50m. and 16h. 10m. ; at Seend, to the east of Trowbridge, 2·85 inches fell in 105 mins. ; at Melksham, further north 3·00 inches fell within two and

a half hours of which " not less than 2½ inches fell between 14h. 30m. and 15h. 30m." ; at Abergorlech, to the north-east of Carmarthen 2·95 inches fell between 15h. 30m. and 17h. 30m. and this fall is reported as the heaviest seen there within living memory. Lt.-Col. Sir Reginald Blake writes from Melksham (Beechfield) :—

> " The storm began at 13h. 30m. with a high wind from the east, at first with quite moderate rain. After a short time the wind dropped, but the rain continued until about 14h. 15m. when it eased off. By 14h. 30m. very heavy black clouds had gathered and it then began to rain in torrents. Vivid forked lightning (a barn was struck about 300 yards from this house) with heavy thunder and torrential rain continued until 15h. 30m. At 16h. my rain-gauge showed 3 inches and subsequently there was ·22 inch. Local damage was far greater than any within living memory. The river Avon, which flows about half a mile from here, did not overflow its banks but the small streams and ditches did in every direction. The fact that a great deal of hay was lying in the fields contributed largely to the flooding, as it was washed against hedges and gateways and filled culverts and so kept back the water. We are somewhat accustomed to floods in this district, but the notable feature of this storm was that places were flooded that had never been known to have suffered before. Perhaps the most remarkable occurrence was that in which on the Bath–Melksham road, a large elm tree trunk, which had been felled a month or so ago and was lying at the side of the road awaiting removal, was borne on what can best be described as a ' bore ' for a distance of half a mile along the road towards Melksham station, where it finally rammed into a well built wall, demolishing the whole to ground level."

The falls at Northampton, Highclere, near Newbury, and Steventon, near Didcot, rank as " remarkable." At Northampton (Upton) 1·94 inches fell between 14h. 30m. and 15h. 45m., while at Northampton (Mercers Rd.) the reading was 1·88 inches between 13h. 50m. and 15h. 50m. Lightning struck a number of houses in Northampton. At Highclere (Black Ford) Mr. W. A. Turner reports that " 2·47 inches of rain fell in a little under two hours, when the thunderstorm was the most violent experienced outside the tropics." At Steventon the observer, Mr. R. H. Betteridge, reports that " it commenced to rain at 13h. 5m. By 13h. 10m. it was raining fast and subsequently the intensity increased, with hailstones, about the size of cobnuts, accompanied by a wild wind. So close were the electrical discharges that only a fraction of a second elapsed between the lightning and thunder. At 13h. 55m. I found 2·03 inches in the gauge."

The following details of the times of the intense rains have also been received :—At Frampton Cotterell, in south Gloucester, 1·29 inches fell in two separate storms from 14h. to 14h. 30m. and 15h. to 16h. ; at Dunchurch Hall, near Rugby, 1·50 inches fell between 15h. 20m. and 17h. ; at Market Harborough, in Leicestershire, 1·21 inches between 15h. 55m. and 17h. 15m. ; at Colwall, near Ledbury, ·93 inch between 15h. 37m. and 16h. 25m. ; at Oxford (Kennington Nursery) 1·35 inches between 13h. 25m. and 14h. 5m. ; at Stamford ·77 inch between 16h. 30m. and 17h. ; at Ballinamona, 1½ miles west

of Cashel in Co. Tipperary, most of the 1·42 inches fell between 15h. 30m. and 17h., in one of the worst thunderstorms ever experienced there, and at Waringstown, in Co. Down, ·87 inch fell between 21h. and 21h. 30m., when the thunderstorm is described as easily the worst since July, 1907.

For *July* 1st as much as 2·48 inches was measured at Hythe, on Southampton Water, the bulk of which fell during a thunderstorm from 22h. 5m. to 22h. 30m., but further rain may have occurred subsequently, so that this fall is not included in the table. At Calshot, 5 miles further south, one inch fell in 2 hours 21 mins. At Winchester, where " practically all of the 2·23 inches fell between 22h. and 24h." the entry is included and ranks as " remarkable." At Kew, Guildford and South Farnborough the heavy rain occurred in the early hours of the 2nd.* Four stations at or near Bath, as well as those at Boscombe Down Aerodrome and at Offley, near Hitchin, recorded intense falls during the evening of the 11th. The observer at Bath (Lower Swainswick) reports that the intensity of the rainfall during this storm was greater than that on June 25th when as much as 3·79 inches was recorded within 3 hours. In the storm at Aberdeen on the 17th the Jardi Rate of Rainfall Recorder gave a maximum value of 4·9 inches per hour at 12h. 5m. Intense falls are included in the table for the 20th at Felixstowe and Yarmouth.

The entries for *August* 8th occurred in the late afternoon or evening at stations widely separated, *viz.*:—Somerton and Taunton, in Somersetshire, Aldridge, near Walsall, Brayfield House, near Bedford, and Cromer. The entry for the 18th at Raby Castle, in Durham, of 2·62 inches in 78 minutes ranks as " very rare " and that at Thetford, in Norfolk, of 2·16 inches in 75 minutes, as " remarkable." The thunderstorm at Raby Castle occurred between 18h. 50m. and 20h. 8m. The fall at Croydon on the 23rd, which was roughly confirmed by eye observations at the time, ranks as " very rare " and that at Guildford on the 25th as " remarkable." Intense falls of ·20 inch in 6 minutes were recorded on the 27th at Manston Aerodrome in Kent and at Holyhead. At Buxton, in Norfolk, ·74 inch fell between 18h. 50m. and 19h. 10m. on the 28th.

Intense falls occurred on September 1st at Catterick Aerodrome, of ·20 inch between 22h. 3m. and 22h. 9m., and at Felixstowe of ·39 inch in 12 minutes. At Princetown Prison on the 2nd ·20 inch fell in 6 minutes after 12h. 10m. and there was another fall nearly as intense at 13h. 45m. Langport, in Somerset, recorded an intense fall on the 3rd and Cranwell, in Lincolnshire, one on the 4th. The four entries for the 15th call for no special comment. Of the eleven entries for the 22nd reference should be made to that at Cranwell,

*At West Byfleet 1·70 in. fell between 2h. 40m. and 3h. 27m. and qualifies as a "Remarkable" fall.

which ranks as " remarkable." Of the ·39 inch which fell there in 5 minutes ·20 inch occurred in two minutes. At Itton Court, near Chepstow, there " was an exceptional thunderstorm between 0h. 30m. and 2h. when hail and ice measuring 1½ to 2 inches in diameter fell cutting everything to shreds. As many as 750 squares of glass in the greenhouses and frames were smashed." At Horfield, to the north of Bristol, the measurement of 1·48 inches in one hour was made at 2h. 30m. and the observer, Mr. G. H. Brown notes " it was impossible to sleep during the storm which was regarded generally as the worst during the period within living memory." The observer at Sibford Ferris, near Banbury, Mr. Joshua Lamb, sends the following comments :—

> " About 1h. we were aroused by vivid and continuous lightning, and as the storm approached from the S.S.W., thunder reached a volume few inhabitants had heard before. At 3h. 10m. rain began and at 3h. 15m. increased to a deluge. At the same moment a gale sprang up from W.N.W. and huge hailstones smashed many hundreds of panes of glass in this village. In my own house about 70 panes were broken. Within two minutes the hail had passed, but rain continued until 3h. 35m. and then ceased, the storm moving away E.N.E. In this short time 1·18 inches of rain was recorded even though all the hailstones had bounced out of the gauge. Probably 1·50 inches was about the correct amount. Many of the hailstones were as large as small walnuts, while some measured 1½ inches across and ¾ inch thick. Birds were killed and root crops and fruit greatly damaged. The hail track had a width of about 2 miles."

At Bedford ·58 inch fell in 18 minutes and later on the same day ·37 inch in 12 minutes. At Kings Lynn and Downham the heavy rain occurred between 6h. and 7h.

There are only two falls of an intensity warranting inclusion in Table XV for the last three months of the year, *viz.*, at Boscombe Down Aerodrome on October 5th and Aldergrove Aerodrome on November 3rd, and in both cases the amount was only ·20 inch.

In this section the material has been provided both from autographic records and from eye observations at any of the 5,000 rainfall stations. Another method of dealing with the frequency of heavy falls of rain is to confine attention to the stations with autographic records and to examine the traces for all the rain which occurs at these stations. That has been done for the stations set out in Table XVI, which was first introduced in *British Rainfall*, 1925. In the tabulations on which the classification is based, the shortest interval in which ·2 inch (5 mm.) falls is entered for each day on which so much rain occurs; similarly with falls of ·4 inch and 1 inch. Cases in which a fall of the given amount occupied parts of two days are included, but attention is confined to falls not exceeding 24 hours duration and only one fall of the given amount is credited to any calendar day. In the classification adopted in Table XVI, the first time limit for each of the stated amounts is nearly in accordance with the specification of a noteworthy fall (*see* diagram) and corresponding entries will be found in Table XV.

Table XIV.—*Rainfalls of Very Rare Intensity lasting for One Hour or less.*

Year.	Date.	Div.	Station.	Amount.	Duration	Rate per Hour
				in.	H. M.	in.
1935	Aug. 23	II	Croydon Airport	·20	0 1	12·00
1912	May 8	XV	Dumbarton, Alexandria	·26	0 1½	10·40
1888	Mar. 24	XI	Chepstow, Shirenewton Hall	·33	0 2	9·90
1917	July 14	IV	Norwich, Ipswich Road	·47	0 2½	11·28
1893	Aug. 10	VIII	Preston, Corporation Offices	1·25?	0 5?	15·00?
1893	June 14	XI	Chepstow, Shirenewton Hall	·62	0 5	7·44
1925	May 10	II	Godalming, Charterhouse	·60	0 5	7·20
1934	July 18	II	Kew Observatory	·75	0 7	6·43
1906	Aug. 2	II	Guildford, Piccard's Rough	·89	0 8	6·68
1892	July 3	VIII	Bolton, The Park	1·00?	0 9?	6·67?
1927	Sept. 23	V	Chagford, Dartmoor S'torium	1·30	0 10	7·80
1934	Sept. 15	V	Trowbridge, Town Hall	1·25	0 10	7·50
1902	May 30	III	Cambridge, Sydney Street	1·10	0 10	6·60
1878	June 23	I	St. Pancras, Camden Square	1·04	0 10	6·24
1912	July 21	VII	Wirksworth, Manor House	1·00	0 10	6·00
1918	July 16	II	Purley, Oakwood Avenue	1·10?	0 11	6·00?
1914	Aug. 14	XI	Guernsey, St. Martin's Road	1·50	0 15	6·00
1878	June 23	I	St. Pancras, Camden Square	1·43	0 15	5·72
1927	July 11	I	Balham High Road	1·50	0 18	5·00
1875	Aug. 7	II	Canterbury, Harbledown	2·12	0 20	6·36
1932	Aug. 20	VI	Malvern, Free Library	1·86	0 20	5·58
1878	June 23	I	St. Pancras, Camden Square	1·82	0 20	5·46
1897	June 24	III	Luton Pumping Station	1·65	0 20	4·95
1920	May 29	VIII	Leyland, Worden Hall	1·65	0 20	4·95
1933	June 24	II	Silchester House	2·50	0 25	6·00
1934	July 18	VI	Stratford-on-Avon, Milcote	2·25	0 25	5·40
1878	June 23	I	St. Pancras, Camden Square	2·30	0 28	4·93
1880	July 22	XI	Cowbridge, Ash Hall	2·90	0 30	5·80
1915	July 4	XI	Abergavenny, The Chain	2·20	0 30	4·40
1933	July 21	II	Chatham, Woolman's Wood	2·13	0 30	4·26
1918	July 17	I	Shad Thames Pumping Station	2·07	0 30	4·14
1895	June 27	IX	Middleton-in-the-Wolds	2·00	0 30	4·00
1902	Sept. 10	II	Surbiton, Vronvelin	2·00	0 30	4·00
1931	June 14	VI	Cannock Sewage Works	2·35	0 38	3·71
1920	May 25	IV	Hatfield, Broad Oak, Barrington	2·79	0 45	3·72
1933	June 21	V	Temple Combe Rectory	2·75	0 45	3·67
1904	July 27	II	Cooling, Broomy Farm	2·66	0 45	3·55
1909	Sept. 29	V	Ilfracombe Reservoir	2·50?	0 45	3·33?
1895	June 26	V	Marlborough	2·71	0 50	3·25
1915	June 30	IV	Mildenhall	2·63	0 50	3·16
1903	July 18	VI	Crewe, Betley Hall	2·53	0 50	3·04
1905	July 9	III	Enfield, Carisbrooke	2·44	0 50	2·93
1911	May 31	II	Epsom, Ashley Road	2·44	0 50	2·93
1901	July 29	II	Wadhurst, Lower Cousley Wood	3·25?	0 55	3·55?
1913	June 17	IV	Elvedon Hall	2·85	0 58	2·95
1901	July 12	II	Maidenhead, Lowood	3·63	1 0?	3·63?
1903	May 30	II	Beddington Corner	3·50	1 0	3·50
1911	May 26	II	Fareham, The Mount	3·00	1 0	3·00
1897	July 21	IV	Ipswich, Bishops Hill	2·95	1 0	2·95
1932	July 11	VII	Cranwell Aerodrome	2·93	1 0	2·93
1895	June 26	VI	Worcester, Diglis Lock	2·75	1 0	2·75
1934	July 13	XI	Wrexham, W.W. Office	2·75	1 0	2·75
1909	June 1	XII	Carsphairn, Shiel	2·71	1 0?	2·71?
1873	July 28	XVII	Fettercairn	2·60	1 0	2·60
1889	June 7	II	Tonbridge, Ferndale	2·60?	1 0?	2·60?
1886	July 25	VIII	Sale, Brooklands	2·58	1 0	2·58
1899	July 22	V	Dorchester Water Works	2·56	1 0?	2·56?
1875	July 22	V	Trowbridge, Sunnyside	2·53	1 0	2·53
1875	June 29	III	Cardington	2·50	1 0	2·50
1886	July 25	IX	Wakefield, Stanley Vicarage	2·50	1 0	2·50
1935	June 25	V	Melksham, Beechfield	2·50	1 0	2·50

Table XV.—*Heavy Falls in Short Periods in* 1935.

County and River Division.	Station.	Date.	Amount.	Duration.	Rate per Hour.
	(a) EYE OBSERVATIONS		in.	min.	in.
Somerset ...3	Langport (The Grange).....	Sept. 3	·81	15	3·24 N
Cardigan ...3	Llechryd (Castle Malgwyn) ..	June 23	·75	15	3·00 N
Surrey 7	Knap Hill Nurseries	June 25	·60	15	2·40
Somerset ...1	Bath (Lambridge House)	July 11	1·05	20	3·15 N
Norfolk 2	Buxton (Sunnymead)	Aug. 28	·74	20	2·22 N
Oxon 1	Sibford Ferris (Woolman Cottage	Sept. 22	1·18	25	2·83 R
Norfolk 2	Yarmouth (Scratby)	July 20	·75	25	1·80 N
Wilts. 1	Trowbridge (Town Hall)	June 25	·94	29	1·95 N
Surrey 6	Guildford (Woodstreet).....	Aug. 25	1·60	30	3·20* R
Hereford ...1	Sarnesfield Court	June 5	1·35	30	2·70 R
Somerset ...1	Bath (Lower Swainswick)....	July 11	1·00	30	2·00 N
Glamorgan ..4	Neath (Cimla Reservoir).....	June 25	1·00	30	2·00 N
Glamorgan ..4	Neath (Gnoll Reservoir)	June 25	1·00	30	2·00 N
Down 5	Waringstown (The Forge)....	June 25	·87	30	1·74 N
Somerset ...3	Somerton (The Grange)	Aug. 8	·79	30	1·58 N
Rutland 1	Stamford (Ketton Cottage) ..	June 25	·77	30	1·54
Carnarvon ..3	Bangor (The Cottage)	June 23	1·20	38	1·90 N
Surrey 5	Sutton (Sewage Works)	June 25	2·10	40	3·15* V
Berks. 5	Oxford (Kennington Nursery)	June 25	1·35	40	2·03 R
Herts. 4	Offley (School House)	July 11	1·18	40	1·77 N
Anglesey	Pen-y-Parc	June 23	·98	40	1·47 N
Dublin.....2	Kingstown (Tivoli Terr. S.) ..	June 25	·92	40	1·38 N
Surrey 6	Guildford (Woodstreet).....	July 2	1·52	45	2·03 R
Staffs. 3	Aldridge (Bourne Vale).....	Aug. 8	1·50	45	2·00 R
Norfolk 4	King's Lynn (Narford Hall Gdns.)	Sept. 22	1·46	45	1·95 R
Norfolk 3	Cromer (Howards Hill)	Aug. 8	1·19	45	1·59 N
Hereford ...2	Colwall (The Downs)	June 25	·93	48	1·16 N
Berks. 5	Steventon (Milton Hill)	June 25	2·03	50	2·44* R
Wilts. 1	Melksham (Beechfield)	June 25	2·50	60	2·50‡ V
Wilts. 3	Bishops Cannings.....	June 25	1·70	60	1·70 R
Hants. 8	Sherborne St. John	June 25	1·54	60	1·54 R
Gloucester ..5	Horfield	Sept. 22	1·48	60	1·48 N
Berks. 5	Didcot (Sewage Works)	June 25	1·30	60	1·30 N
Norfolk 4	Downham (Market)	Sept. 22	1·22	60	1·22 N
Oxon. 4	Henley-on-Thames (Grays Green)	June 25	1·18	60	1·18 N
Berks. 4	Kintbury (Wallingtons)	June 25	1·00	60	1·00 N
Northants. ..4	Northampton (Upton)	June 25	1·94	65	1·79* R
Monmouth...3	Portskewett (Sudbrook)	June 25	2·77	70	2·37‡ V
Norfolk 4	Thetford (Waterworks)	Aug. 18	2·16	75	1·73* R
Surrey 5	Sutton (Mulgrave Road).....	June 25	1·40	75	1·12 N
Carnarvon ..3	Bangor (The Cottage).....	June 23	1·75	77	1·36 R
Durham 1	Staindrop (Raby Castle).....	Aug. 18	2·62	78	2·02‡ V
Wilts. 1	Devizes (Broadleas)	June 25	1·87	80	1·40‡ R
Leicester....2	Market Harborough	June 25	1·21	80	·91 N
Bucks. 5	Turvey (Brayfield House) ...	Aug. 8	1·82	90	1·21 R
Somerset ...3	Ashbrittle (Kyrle)	Aug. 8	1·70	90	1·13 R
Monmouth ..3	Chepstow (Itton Court)	Sept. 22	1·66	90	1·11 N
Somerset ...1	Long Ashton (Research Stn.)	July 11	1·54	90	1·03 N
Warwick ...1	Dunchurch Hall	June 25	1·50	100	·90 N
Wilts. 1	Seend (Ferrum Towers)	June 25	2·85	105	1·63‡ V
Somerset ...1	Bath (Henrietta Park)	July 11	1·21	105	·69 N
Surrey 5	Ewell (Stoneleigh Park)	June 25	3·25	120	1·63‡ V

* "Remarkable" fall. ‡ "Very Rare" fall.

For explanation of "N," "R" and "V" see text.

Table XV.—*Heavy Falls in Short Periods in* 1935—(*con.*).

County and River Division.	Station.	Date.	Amount.	Duration.	Rate per Hour.
	(a) EYE OBSERVATIONS—(*con.*)		in.	min.	in.
Carmarthen 2	Abergorlech	June 25	2·95	120	1·47‡ V
Hants. 9	Highclere (Black Ford)	June 25	2·47	120	1·23* R
Hants. 5	Winchester (East Hill)	July 1	2·23	120	1·11* R
Northants. ..4	Northampton (Mercers Row).	June 25	1·88	120	·94 R
Northants. ..5	Gretton School	June 25	1·46	120	·73 N
Tipperary ..3	Cashel (Ballinamona)	June 25	1·42	120	·71 N
Surrey 5	Reigate (Alvington).....	June 25	1·36	120	·68 N
Gloucester ..5	Frampton Cotterell (Park Ho.)	June 25	1·29	120	·65 N
	(b) AUTOGRAPHIC RECORDS				
Surrey 4	Croydon (Airport)	Aug. 23	·20	1	12·00‡
Kent 2	Lympne (Airport)	June 10	·20	2	6·00*
Surrey 5	Kew Observatory	July 2	·20	4	3·00
Lincs. 3	Cranwell (Aerodrome)	Sept. 4	·20	4	3·00
Lincs. 3	Cranwell (Aerodrome)	Sept. 22	·39	5	4·68*
London 1	Lambeth (Brockwell Park) ..	June 25	·22	5	2·64
Kent 2	Manston (Aerodrome)	June 10	·20	5	2·40
Kent 2	Manston (Aerodrome)	June 25	·20	5	2·40
Suffolk 3	Felixstowe (Aerodrome)	July 20	·20	5	2·40
S. Lancs.....3	Manchester (Barton Airport).	Sept. 22	·20	5	2·40
Antrim 5	Aldergrove (Aerodrome)	Nov. 3	·20	5	2·40
Lincs. 3	Cranwell (Aerodrome)	April 14	·20	6	2·00
Aberdeen ...2	Aberdeen Observatory	July 17	·20	6	2·00
Kent 2	Manston (Aerodrome)	Aug. 27	·20	6	2·00
Anglesey	Holyhead (Salt Island)	Aug. 27	·20	6	2·00
N.R. Yorks. 2	Catterick (Aerodrome)	Sept. 1	·20	6	2·00
S. Devon....4	Princetown (H.M. Prison) ...	Sept. 2	·20	6	2·00
Carnarvon ..5	Snowdon (Cwm Dyli)	Sept. 14	·20	6	2·00
Lincs. 3	Cranwell (Aerodrome)	Sept. 15	·20	6	2·00
Ayr 3	Kilmarnock (Kay Park)	Sept. 15	·20	6	2·00
Anglesey	Holyhead (Salt Island)	Sept. 24	·20	6	2·00
Carnarvon ..5	Snowdon (Cwm Dyli)	Sept. 24	·20	6	2·00
Wilts. 3	Amesbury (Boscombe Down Aerodrome)	Oct. 5	·20	6	2·00
London 1	Greenwich (Deptford P. Stn.)	June 25	·40	9	2·67
London 1	Lambeth (Myatt's Fields)....	June 25	·45	10	2·70
Renfrew 2	Renfrew (Abbotsinch Aero.) .	June 24	·39	10	2·34
Hants. 8	South Farnborough (R.A.E.)	July 2	·39	12	1·95
Suffolk 3	Felixstowe (Aerodrome)	Sept. 1	·39	12	1·95
Suffolk 5	Mildenhall (Aerodrome)	Sept. 15	·39	12	1·95
Suffolk 5	Mildenhall (Aerodrome)	Sept. 24	·39	12	1·95
London 1	Lewisham (Forest Hill Res.)..	June 25	·74	15	2·96 N
N.R. Yorks. 2	Felixkirk (Mount St. John) ..	July 18	·50	15	2·00
Bedford.....3	Bedford (Bedford Park)	Sept. 22	·58	18	1·93
Oxon. 3	Upper Heyford (Aerodrome)	June 25	1·00	30	2·00 N
Herts. 3	Hertford Sewage Works	May 28	·85	42	1·21
Wilts. 3	Amesbury (Boscombe Down Aerodrome)	July 11	1·00	54	1·11 N
Surrey 5	Dorking (Pixham Lane Sew. Works).....	June 25	1·59	60	1·59 R
S. Lancs.....2	Liverpool (Monument Place)	July 17	1·00	60	1·00 N
Perth 14	Pitlochry (Allean House)	June 23	2·72	120	1·36‡ R

* "Remarkable" fall. ‡ "Very Rare" fall.
For explanation of "N," "R" and "V" see text.

Table XVI.—*Number of Days on which specified amounts of Rain fell in specified times during* 1935.

County.	Place.	0·2 inch.				0·4 inch.				1 inch.			
		6 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	2 hours or less.	1 hour or less.	2 hours or less.	5 hours or less.	24 hours or less.
London	Camden Square	0	2	5	9	0	0	0	2	0	0	0	0
Surrey	Croydon	1	2	8	13	1	1	3	6	0	0	0	4
,,	Kew Observatory	1	3	5	12	1	1	1	2	0	1	1	1
Kent	Lympne	1	5	7	16	1	1	3	5	1	1	1	2
,,	Manston†	3	5	10	14	0	2	6	8	0	0	0	1
Hants.	Calshot	0	3	6	7	0	1	1	4	0	0	1	3
,,	South Farnborough	1	3	7	13	1	2	4	6	0	0	1	1
Oxford	Upper Heyford	1	2	5	10	1	2	2	3	1	1	1	2
Suffolk	Felixstowe	2	4	6	9	1	3	4	6	0	1	1	1
,,	Mildenhall	2	2	3	4	2	2	2	2	0	0	1	1
Wilts.	Boscombe Down	2	3	7	11	1	1	1	2	1	1	1	1
Lincoln	Cranwell	4	7	7	11	1	2	3	3	0	0	0	3
Lancashire	Barton	1	3	6	11	0	1	2	4	0	0	0	3
,,	Southport	0	3	7	11	0	1	1	5	0	0	0	4
N.R. Yorks.	Catterick	1	1	6	10	0	0	1	3	0	0	0	2
Flint	Sealand	0	1	3	10	0	1	3	5	0	0	0	1
Anglesey	Holyhead	2	3	6	14	0	0	1	5	0	0	0	2
Dumfries	Eskdalemuir Observatory	0	3	8	19	0	0	2	9	0	0	2	13
Ayr	Kilmarnock	1	1	4	7	0	0	0	2	0	0	0	4
Renfrew	Renfrew (Abbotsinch)	1	1	2	7	1	1	1	3	0	0	1	2
Fife	Leuchars	0	1	3	5	0	0	0	1	0	0	0	2
Aberdeen	Aberdeen Observatory	1	2	3	4	0	0	0	3	0	0	0	5
Shetland	Lerwick	0	2	2	9	0	0	1	5	0	0	1	3
Co. Kerry	Valentia Observatory	0	2	4	8	0	0	2	5	0	0	0	6
Co. Armagh	Armagh	0	2	2	9	0	1	2	2	0	0	0	0
Co. Antrim	Aldergrove	1	2	3	4	0	0	0	0	0	0	0	0

The falls are not necessarily continuous nor are they always confined to one calendar day. Not more than one fall of each specified amount is credited to any day; if more than the specified amount fell on any day, that part of it which fell in the shortest time is used for the table.

An entry in any of the first three columns under each of the headings 0·2, 0·4 and 1 inch naturally recurs in the column or columns to the right.

† Records commenced March 1st.

7. HEAVY FALLS ON RAINFALL DAYS IN 1935.

The daily measurements of rain which are set out in this Section are (*a*) those of falls of 2·5 inches or more in the rainfall day, and (*b*) those of falls which amount to at least 7·5 per cent. of the total recorded for the year 1935. A fall of 2½ inches in a day at any station is sufficiently remarkable to be noticed, but as such heavy falls are more frequent in the normally wet areas of mountain districts than elsewhere, the criterion of 7½ per cent. was introduced to admit certain falls of less than 2½ inches in areas where the total rainfall for the year is less than 33·3 inches. In this way daily falls which are heavy in relation to the local standard are not neglected.

A summary of the information given in this section in each of the seventy volumes of *British Rainfall* from 1865 to 1934 was set out in an article in Part IV of *British Rainfall,* 1934. A complete list of the absolute maximum daily rainfall and the absolute maximum daily percentage reported for each year from 1865 to 1934 was also given in this special article.

The corresponding values for 1935 are given below.

Table XVII.—*Maximum Daily Fall and Maximum Percentage.*

Year.	ABSOLUTE HIGHEST RAINFALL.				ABSOLUTE HIGHEST PERCENTAGE.				Year.
	Depth.	Per cent.	Station.	Div.	Per cent.	Depth.	Station.	Div.	
	in.					in.			
1935..	6·16	5·7	New Dungeon Ghyll Hotel	x	12·2	4·83	Batheaston Reservoir	v	1935

The maximum daily amount for 1935 of 6·16 inches and the maximum percentage for 1935, *viz.*, 12·2 are not remarkable, since larger entries have occurred in many recent years.

Particulars of the eight largest falls of the year 1935 are given in Table XVIII. The table shows also the year's total at each of the stations and the percentage of that total which is accounted for by the highest daily fall. There were 18 falls exceeding 4·00 inches and 8 falls receiving or exceeding 4·50 inches.

Table XVIII.—*The largest Daily Rainfalls in* 1935.

Date.	Div.	Station.	Depth.	Per cent. of Year.	Total for Year.
			in.	%	in.
Feb. 15	X	New Dungeon Ghyll Hotel	6·16	5·7	107·18
June 23	XI	Llandwrog (Glynllivon Garden) ..	5·54	10·8	51·37
June 25	V	Great Chalfield	5·00	11·7	42·57
June 25	V	Little Chalfield	4·94	11·8	41·78
June 25	V	Batheaston Reservoir	4·83	12·2	39·55
Feb. 15	X	Rydal (High Close)	4·62	5·2	88·78
Nov. 17	XI	Lake Eigiau (Dam Site)	4·60	5·5	83·11
June 25	VI	Ashwicke Home Farm	4·50	11·1	40·48

In the tables included in the following account of the heavy falls of the year, a daily fall which is the maximum fall for the year at the station is indicated by ordinary roman type; other falls are in *italics*.

CHRONICLE.

The amounts in this section cover the 24 hours commencing at 9 a.m. G.M.T. on the day of entry.

January was a relatively dry month in most districts and entries are confined to the 10th and 31st, and to a few stations in Scotland.

January 10th

Ross & Cromarty.—Glenmoriston (Cluanie Inn).....*2·89 in.* or *2·3* per cent.

January 31st

Argyll.	*in.* or %		*Inverness.*	*in.* or %	
Glen Etive.....	*2·55*	*2·3*	L. Arkaig (Glendessary)...	*3·80*	*3·3*

The rainfall of the 10th was more unusual in the Isle of Wight, although the totals did not exceed 1·5 inches, the largest values being 1·48 inches at Shanklin, 1·41 inches at Ventnor, 1·33 inches at Sandown and 1·23 inches at Newport. This heavy rain caused local flooding. Little rain occurred to the north of the Isle of Wight and the preceding meteorological situation was not one in which the heavy rain would

have been anticipated. Pressure was above 1030 mb. and a feebly marked occlusion passed slowly eastwards across England.

For *February* 1st a few entries are included for stations in the Western Highlands of Scotland.

February 1st

Argyll.	*in.*	or %
Ardgour House.....	*2·53*	*2·3*
Glenleven (Blackwater Dam, S.)	*2·50*	*2·4*

Inverness.	*in.*	or %
L. Arkaig (Glendessary)...	*3·90*	*3·3*
Ross & Cromarty		
Glenmoriston (Cluanie Inn)	*3·28*	*2·7*

February 10th to 28th marked the first wet period of the year, when a prolonged series of intense and complex depressions brought mild, stormy and unsettled weather to most parts of the British Isles. followed by severe local flooding. Entries are given for the 15th, 16th, 17th, 18th and 19th, but they are confined to the English Lake District, the Western Highlands of Scotland and Snowdonia, apart from those of the 15th, which also occurred in the Pennines as far south as Bradford. Although no entries are included for the remainder of February, heavy rain fell in many localities. At Tenterden, in Kent, the total for the eight days, the 20th to 27th, amounted to 3·97 inches or twice the average for the month and the entries for the 20th, 22nd, 24th, and 27th each exceeded half-an-inch. At Borrowdale (The Moraine) the total for the 15 days, February 10th to 24th, was 17·01 inches or about twice the average for that station for the whole month. There were two especially wet periods, the two days 15th-16th and the three days 18th to 20th, when the totals were 6·25 and 6·41 inches respectively. At Dungeon Ghyll Hotel, to the west of Ambleside, the total for the 15th to 16th was 7·46 inches and at Grasmere (The Wray) 6·86 inches. The total of 6·16 inches for New Dungeon Ghyll Hotel was the largest for any station during 1935 and greater than that recorded at any station in Westmorland since February 9th, 1920 when 6·81 inches fell. A child aged 8 was swept away and drowned in the River Kent at Kendal on Saturday evening the 15th. At Glenquoich, on Loch Quoich, the total for the 11 days, the 11th to 21st, was 14·27 inches and for the 17th to 18th 6·21 inches. At Ardgour House, in Argyllshire, the total for the 11 days, the 11th to 21st was 12·13 inches and for the 17th to 18th 5·65 inches. The recording gauge at Blackwater Dam in Glenleven, where 4·20 inches was recorded for the 18th, shows that rain was continuous and fairly uniform for 23 hours, roughly from 9 h. on the 18th to 8 h. on the 19th. At Cwm Dyli, on the east side of Snowdon, as much as 14·81 inches was recorded for the 18 days, February 11th to 28th, the largest amounts being 3·93 and 4·03 inches for the periods 15th to 16th and 19th to 20th respectively.

February 15th

	in.	%		*in.*	%
Carnarvon.			*Carnarvon.*		
Snowdon (Cwm Dyli).....	*2·84*	*2·4*	Snowdon (Llydaw Intake).	4·40	2·8
Lancashire.			*Yorkshire.*		
Barley (Ogden Res.).....	2·71	4·7	Middlesmoor (Stean Moor).	3·26	5·5
Watersheddles Res.....	2·80	4·4	Hawes Junc. (Moorland Cott.).....	*3·27*	..
Watersheddles R. No. 2...	2·88	4·4			
Hawkshead (Bettyfold)...	*2·59*	*3·6*	*Cumberland.*		
Hawkshead Hill.....	3·56	4·0	Borrowdale (The Moraine).	3·61	4·6
Ambleside (Skelwith Fold).	3·09	4·0	Watendlath Farm.....	3·70	3·9
Yorkshire.			*Westmorland.*		
Slaidburn (Croasdale Val.).	2·66	3·5	Patterdale Hall.....	2·56	2·7
Settle (Cappleside).....	2·66	4·5	Windermere (Holehird)...	2·55	3·6
Wogden Foot (Catclough).	3·04	5·4	Windermere (Brockhole)..	2·61	3·8
Dunford Bridge Res.....	2·62	4·6	Ambleside (Wansfell).....	2·96	3·9
Holmebridge (Yateholme R.)	3·18	4·3	Ambleside (White Craggs).	3·14	4·1
Holmebridge (Yateholme Fm.)	3·11	4·3	Ambleside (U.D.C.).....	3·72	5·5
Soyland Moor (Rishworth Dr.)	2·67	4·2	Ambleside (Market Sq.)...	3·75	4·8
Bradford (Thornton Mr. Filt.)	2·56	4·7	Ambleside (Lesketh How).	3·61	4·5
Bradford (Leeshaw Res.)..	3·17	5·0	Rydal(The Stepping Stones)	4·20	5·0
Haworth (Harbour Lo.)...	3·07	4·9	Rydal (High Close).....	4·62	5·2
Haworth (Lr. Laithe Res.).	2·68	4·7	Rydal (The Hall).....	3·79	4·4
Oakworth (Oldfield Filt.)..	2·51	4·1	New Dungeon Ghyll Hotel.	6·16	5·7
Oakworth(Oldfield F.)No. 2	2·53	4·3	Grasmere (The Wray).....	4·26	4·3
Buckden	2·59	4·2	Kendal (Potter Fell).....	2·96	3·7
Oughtershaw Hall.....	3·08	4·3	Kentmere Head Res.....	4·00	3·8
			Merioneth.		
			Blaenau (Oakeley Q.).....	3·42	3·0
			Blaenau (Llechwedd Q.)...	3·60	3·2

February 16th

	in.	%		*in.*	%
Yorkshire.			*Cumberland.*		
Hawes Junc. (Moorland Cott.).....	3·65	..	Watendlath Farm.....	*3·24*	*3·4*
Cumberland.			*Westmorland.*		
Borrowdale (The Moraine).	*2·64*	*3·1*	Grasmere (The Wray).....	*2·60*	*2·6*

February 17th

Inverness.—L. Quoich (Glenquoich).....2·63 *in.* or 2·3 per cent.

February 18th

	in.	%		*in.*	%
Argyll.			*Inverness.*		
Morvern (Kingairloch)....	*2·91*	*2·8*	L. Quoich (Glenquoich)....	*3·58*	*3·1*
Ardgour House.....	4·13	3·8	L. Arkaig (Achnacarry)...	3·67	4·4
Glenleven (Blackwater Dam, S.)	4·20	4·0	L. Arkaig (Glendessary)...	4·49	3·8
Glen Etive	2·96	2·7	Clunes (L. Lochy W.).....	3·18	3·9
			Fort William (The Factory)	2·87	3·6
Perth.			Fort William (Teviot).....	3·80	4·4
Glengyle	2·80	3·0	Fort William (Glasdrum)..	3·14	3·8
			Ross and Cromarty.		
Inverness.			Glenmoriston (Cluanie Inn)	*3·72*	*3·0*
L. Quoich (Kinlochquoich).	*2·95*	*2·5*	Glenshiel (Ratagan)	2·98	3·2

February 19th

Cumberland.	*in.*	or %
Borrowdale (The Moraine).	*2·86*	*3·3*
Watendlath Farm.....	*2·90*	*3·0*
Buttermere (Hassness)....	2·84	2·9

Carnarvon.	*in.*	or %
Snowdon (Llydaw Intake).	*3·60*	*2·3*
Inverness.		
Glenmoriston (Ceannacroc).	4·03	5·5

Only one entry qualifies for mention in this section between February 19th to June 5th, *viz.* that of April 23rd at Ardsley Reservoir to the north-west of Wakefield when 2·56 inches fell in 4½ hours, from 15 h. to 19 h. 30 m. during a severe thunderstorm.

April 23rd

Yorkshire.—Ardsley Res., *upper*.....2·56 *in.* or 8·3 per cent.

The dry weather that had prevailed during most of May began to break up at the beginning of *June* and thunderstorm rains were then frequent. Noteworthy entries for this section are given, however, only for the 23rd and the 25th.

June 5th

Nottinghamshire.—Worksop (Osberton Gdns.) .....1·90 *in.* or 8·2 per cent.

June 6th

Devonshire.—Dartmoor (Swincombe).....2·96 *in.* or 3·9 per cent.

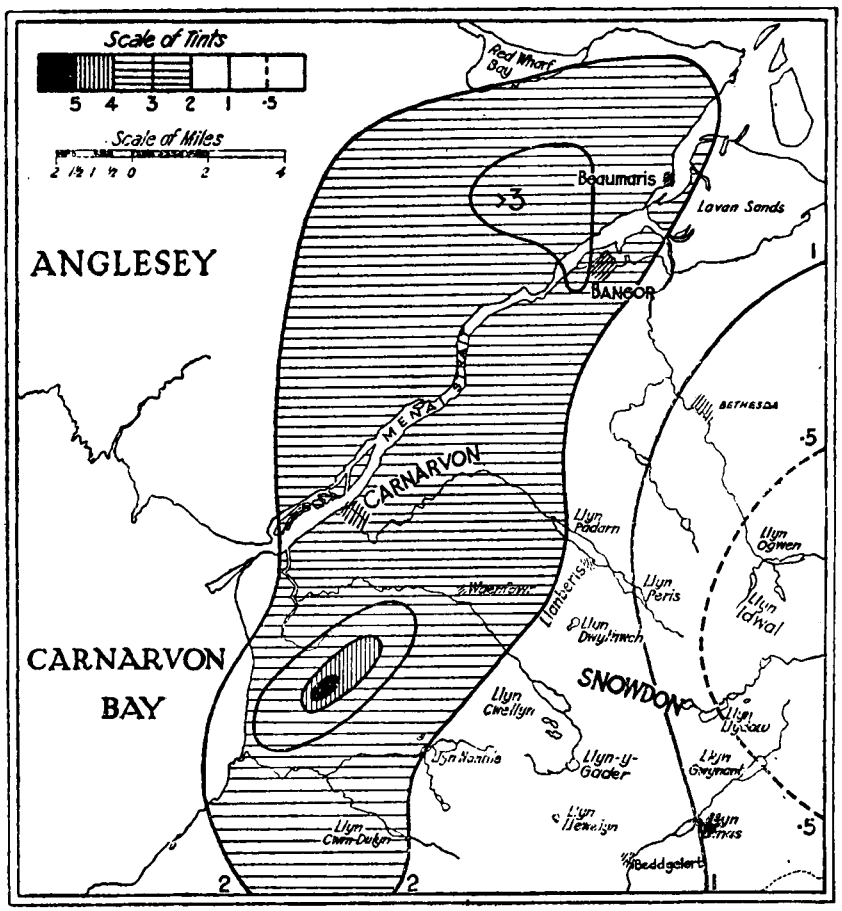
June 14th

Devonshire.—Parkham (Melbury Moor).....2·54 *in.* or 4·4 per cent.

The heavy falls of the 23rd occurred in two main areas, *viz.* to the south of Carnarvon and in Central Scotland. The distribution of the rainfall near Carnarvon is shown in the sketch map. The variation is from 5·5 inches at Glynllivon Gardens, some 5 miles to the south of Carnarvon, to less than half an inch 10 miles to the east. There was also an area with over 3 inches north-west of Bangor. The map illustrates an unusual feature with much less rain on Snowdon than over the low-lying land between Carnarvon and Bangor.

The gardener at Glynllivon sends the following notes :—

> Rain commenced about 21 h., although previously thunder could be heard in the distance. At 23 h. the storm broke directly above us, the thunder and lightning being continuous. The sound of the rain was like a rushing wind and it continued until about 2 h. on the 24th. It was the worst storm here in living memory. The water coming down from the mountains washed channels in the roads to a depth of 4 ft., swept away trees in its course and several small bridges. The water severely damaged a bridge and wall near Chwilog, about 9 miles from here. It was while repairing the damage, about a year after, that 3 men were killed, the wall collapsed and buried them. Houses on this estate were flooded to a depth of 3 ft., sheep, poultry and one horse being drowned. It is impossible to give a fuller account of the storm as it happened at midnight. The following morning the floods had subsided and only the effects of it were seen.



Rainfall, June 23rd, 1935.

The distribution of the heavy rainfall of the 23rd over Central Scotland calls for special comment. The largest total was reported from Aberfeldy in Perthshire and the observer Dr. N. D. Mackay sends the following comments :—

> My partner in practice happened to be out at a case and came home about 1 h. 30 m. on the 24th and reported that the first drops of rain commenced to fall then. Soon after thunder and lightning commenced and the rain got heavy. The thunder and lightning continued till about 5 h. 30 m. and were pretty incessant and very near. The heaviest of the rain fell by 5 h. 30 m. and subsequently eased off gradually although it did not actually stop until just after 8 h. The flooding in Aberfeldy was due to the extraordinary rise in the level of the Moness Burn which flows through the centre of the town. In the town it tore down one of its banks and carried away for about thirty yards throughout its whole width one of the roads. The bank was cut up to such an extent that about 100 yards of it have had to be built up with concrete facing and about 600 loads of stones, etc. were required to fill in the space behind the new wall. The bank opposite was partly undermined. Lower down where the burn

runs through level ground to join the Tay an iron girder bridge with a normal level of about 5 or 6 feet above the water was submerged, but this was partly owing to trees, etc. brought down by the flood and damming the waters back. At this point much of the water was diverted from the bed of the burn and flowed into nearby houses which were rendered uninhabitable for some weeks. A considerable sized wooden bridge further down the burn was swept into the Tay and carried some five or six miles downstream. One or two other hillstreams were also affected, but beyond altering the appearance of their beds and bringing down trees and rocks there was little damage.

At Glenquoich Lodge, on the south side of Loch Freuchie and some 7 miles south of Aberfeldy, where 2·84 inches fell, Mr. W. H. Cox reports :—

> The duration of the rainfall was about 5 hours. There was a great deal of flooding in the burns and in the river Quoich above Loch Freuchie. One burn brought down quantities of stones and gravel and finally changed its course into the loch, discharging all over a large flat area and leaving several hundreds of loads of débris. The river Quoich overflowed over a large area filling the fences with heather and carrying them away in some cases. Loch Freuchie rose many feet and sand was deposited over the hay meadows rendering them unfit for cutting.

Mr. Gentles, Factor on the Ochtertyre Estate near Crieff and some 20 miles south of Aberfeldy writes :—

> The most spectacular evidence of the storm was the collapse of the bridge at Hosh, to the north of Crieff. The River Turret rose there about 9 feet, and the volume and scour undercut the foundations of the bridge. All the water gates on the Rivers Barvick and Kelty were destroyed. In the upper reaches the water must have risen very quickly and this would be due to the heavy rain and the steepness of the contours. At one point on the Kelty, where a six wire iron standard and dropper fence intersected the stream, the fence became a solid mat of dead heather and grass and the pressure of water eventually took out about 20 yards of the ground in one piece with iron pillar and 3 cwt. block. The rain began about 1 h. and lasted till noon on the 24th. The worst period of the storm was between 2 h. and 5 h. when there was incessant thunder and lightning. Three sheep were killed on Carroglen Farm, to the north of Comrie, and four on Tullybannocher Farm, to the west of Comrie. Both the rivers Lednock and Ruchill, draining from the north and south respectively to the river Earn at Comrie, rose considerably. There was considerable flooding of agricultural lands, but no serious damage near Comrie, apart from damage to the banks by the Findoglen Burn draining to the upper river Ruchill and to stone dykes in the higher reaches of the river Lednock. The levels of the rivers fell considerably by 10 h.

A record has been received from the weekly chart of a recording gauge maintained at Allean House, at the east end of Loch Tummel and some 8 miles north of Aberfeldy. So far as can be ascertained from the trace as much as 4 inches fell in 5½ hours, of which there was 3 inches in 3 hours, 2·72 inches in 2 hours (from 1 h. 10 m. to 3 h. 10 m.), 2 inches in 85 minutes and 1 inch in 25 minutes.

The observer at Fincastle, to the north-east of Loch Tummel writes :—

> Practically the whole of the 2·55 inches measured here and the 2·75 inches at Bonskeid fell between 1 h. 30 m. and 7 h. 30 m. I think the rain had not the character so much of a " cloudburst," though the word was freely used in this district, as of intense thunder-rain prolonged for an unprecedentedly long time. In the last fifty years, I do not think there has been any instance here of such intense rain continuing for six hours. More damage was done in Glenfincastle in June, 1898, by a purely local thunderstorm of the " cloudburst " order. About 3 h. there was a specially loud burst of thunder at Fincastle and the gardener, as he was clearing gutters, etc. from flood water, observed a fireball which appeared to explode at the moment of the loudest thunderclap. It had moved from the direction of Pitlochry, *i.e.* westward, and apparently exploded about half a mile south of Fincastle House.

There was another area of heavy rain some 50 miles to the south of Aberfeldy at Lennoxtown, to the south of the Kilsyth Hills. Mr. W. R. Patterson sends the following notes :—

> The rainfall here was 2·75 inches but it must have been considerably more on the hills to the north as the Nineteentimes Burn rose to a great height and considerable damage occurred. The bridge over the public road from Lennoxtown to Fintry was completely washed away and in Ballancleroch House Garden two wooden bridges were washed away and damage done to water gates, garden wall and lawns. In many places the burn in Campsie Glen changed its course and left many deep pools. It is noteworthy that the Finglen Burn about a mile west of Campsie Glen did not rise to anything like the same height. The road below Campsie Glen station was flooded to the level of the roadside dykes. The duration of the storm was roughly five hours and the storm was the worst experienced in Lennoxtown for fifty years.

Lt.-Col. J. A. C. Whitaker sends the interesting comments set out below of his investigations in the mountainous district between Aberfeldy and Crieff. They are given in full because of the method employed in estimating the rainfall from the height attained by streams when in flood in the absence of direct records from rain-gauges.

> I was not at Auchnafree on June 24th, but on my return on the 27th received a full report from the shepherds and keepers there, and was able to mark the top level of the flood at a number of points with a view to facilitating measurements later. My neighbours commented on the extremely local nature of the storm, although the flooding in the upper valleys of the Almond and Braan was in excess of any within the memory of people now living.
>
> About 1 h. 45 m. on the 24th one of the shepherds had occasion to tend the horse at the farm, and noted that a little rain was just starting with thunder in the distance. Between 3 h. and 4 h. it was raining hard and the thunder got nearer. Just before 5 h. the shepherds " guessed something had happened as there was a great roar of rocks going down the Shervie." On looking out of the windows in that direction they saw " the Burn was filling the whole valley," and they ran down to the bridge over that stream as well as that over the Almond at Larichfraskhan. In

both cases the water had gone back a foot from its highest but the level was still a lot higher than they had ever seen it before. About 5 h. 30 m. rain fell " like a waterfall from the sky and the lightning was continuous," and both the Almond and the Shervie rose again, but " not quite as high as they had been two hours before." It stopped raining soon after 6 h. and the water soon fell 2 3 feet, but by 11 h. the streams were still bank high and even at nightfall there was still a good spate on and " white water in all the burns." The shepherds agree that there was one storm east of Conichan and one west of Auchnafree and that the latter started in the north and moved southwards across the Almond, then going back again to the top of Glenshervie.

From local information it is clear that there was comparatively little rain to the east from Amulree to Newton Bridge and Crieff and also little to the west along Lochtayside. It appears that the main storm was over a belt a mile or two wide to the west of Auchnafree, and that there was a subsidiary storm east of Conichan which moved south-west and joined the main storm.

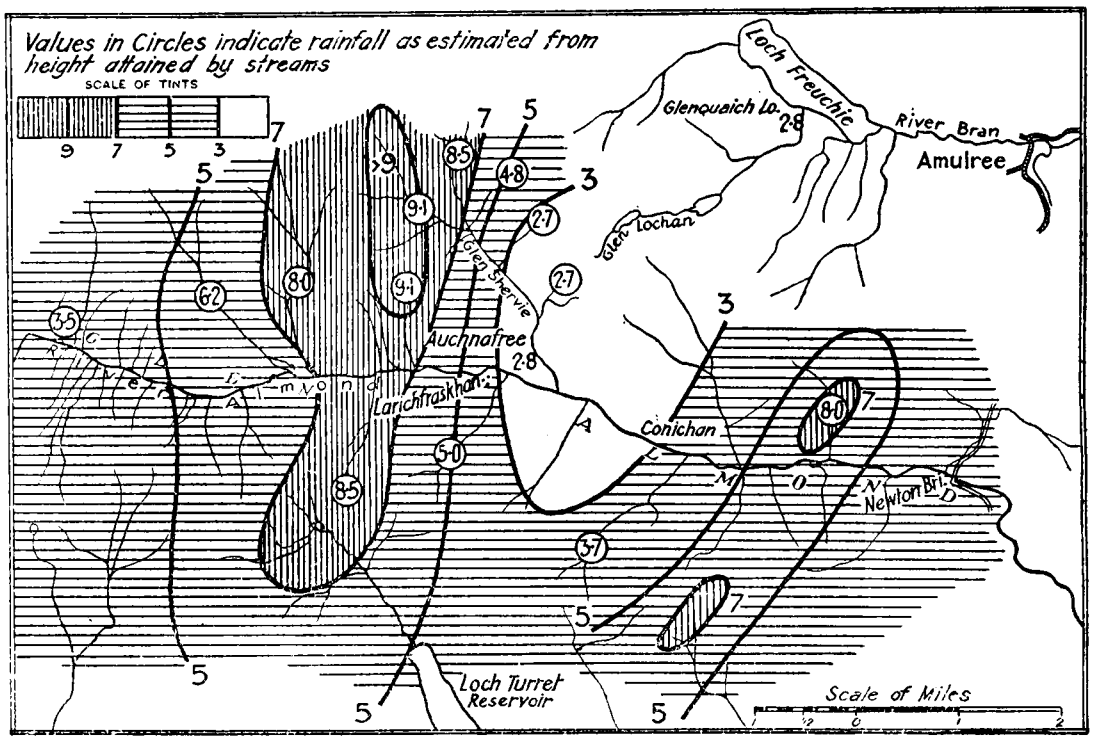
The rainfall measured at Auchnafree was 2·77 inches and this fell in four hours. A rainfall of this amount over the area would have been insufficient to cause the flooding. In fact the Shervie and the Almond at Larichfraskhan were both more than a foot higher than occurred on January 2nd, 1933, when a rainfall of 3·72 inches was measured at Auchnafree, the flooding then being accentuated by melting of snow on the hills. In the absence of direct records of rainfall an attempt has been made to estimate the total amount by assessing the volume of water for a number of streams. In this investigation I have had the experience of earlier storms, when during floods I measured (by a stop watch and by the speedometer of a motor) the rate of flow of the surface water in the Shervie as 15 m.p.h. and in the Almond as 12 m.p.h. (and where confined under bridges as 15 m.p.h.). The mean speed of the flow in the stream has been taken as four-fifths of the surface flow as quoted above and it has been assumed that this flow lasted for an hour. The area of the cross section of the stream when at highest flood has been calculated from measurements and since it may be argued that the stream may not have maintained this height during the whole of the hour, the mean speed has been taken at a conservative figure in order to counter-balance this error. These calculations have enabled estimates to be made of the total volume during the hour of maximum flow. The shepherds' observations of the height of the water at the bridges over the Shervie and at Larichfraskhan, and later measurement of the cross sections concerned, tend to show that the total run-off in both Almond and Shervie was equivalent to about five times the flow during the maximum hour, and working on this basis the total flow was computed. The area draining to each of a number of points on the streams was then ascertained from the ordnance map, and the mean rainfall over each area computed. These values are shown on the map. In the case of the smaller burns the water obviously did not take so long to run-off as in the case of the Almond and Shervie, and in most of these cases the total run-off has been taken as three times that during the maximum hour.

Normally the flow of the Almond at Conichan Bridge is about 22 cubic feet per second and of the Shervie 4½ cubic feet per second. At the height of the flood these streams rose 12 and 7½ feet above normal respectively and the estimated flows were 62,000 and 14,000 cubic feet per second.

From the information which has been accumulated and set out above there seems little doubt, that had rain-gauges been available, the measurements for the four hours in the area just to the north-west of Auchnafree

would have been comparable with those of the Cannington storm on August 18th, 1924, and at Cowbridge.

I would be very grateful if any of your members could suggest any better way of estimating rainfall when fairly accurate data are available as to acreage of catchment areas and heights of water at specified times, and when measurements of cross sections can be made later.



Rainfall, June 23rd, 1935.

June 23rd

Carnarvon	*in.*	or %
Llandwrog(GlynllivonN'ry.)	4·04	8·5
Llandwrog (GlynllivonGdn.)	5·54	10·8
Llandwrog (Glynllivon Ft.)	4·00	7·9
Waenfawr Co. Sch.....	2·70	4·8
Bangor (Town Hall).....	2·69	6·1
Bangor (The Cottage).....	3·09	..
Anglesey.		
Plas Cadnant.....	2·83	5·9
Pen-y-Parc.....	2·64	5·6
Llansadwrn (Treffos).....	3·58	7·1
Lanark.		
Glasgow Green.....	3·05	7·3
Glasgow (Ruchill Pk.).....	2·60	6·6
Glasgow (Springburn Pk.).	3·06	7·1
Renfrew.	*in.*	or %
Glasgow (Queen's Pk.)....	2·66	5·9
Stirling.		
Kippen (Arngomery).....	2·51	5·5
Lennoxtown	2·75	4·8
Perth.		
Glen Almond (Auchnafree).	2·77	4·2
Strath Bran (Glenquoich Lo.)	2·84	5·7
Aberfeldy (Arn Botham)..	3·85	9·0
Aberfeldy (Dall Avon)....	4·25	9·9
Grandtully Castle Gdns....	3·11	7·8
Grandtully	2·56	7·1
Pitlochry (Bonskeid).....	2·75	8·9
Fincastle House.....	2·55	7·7

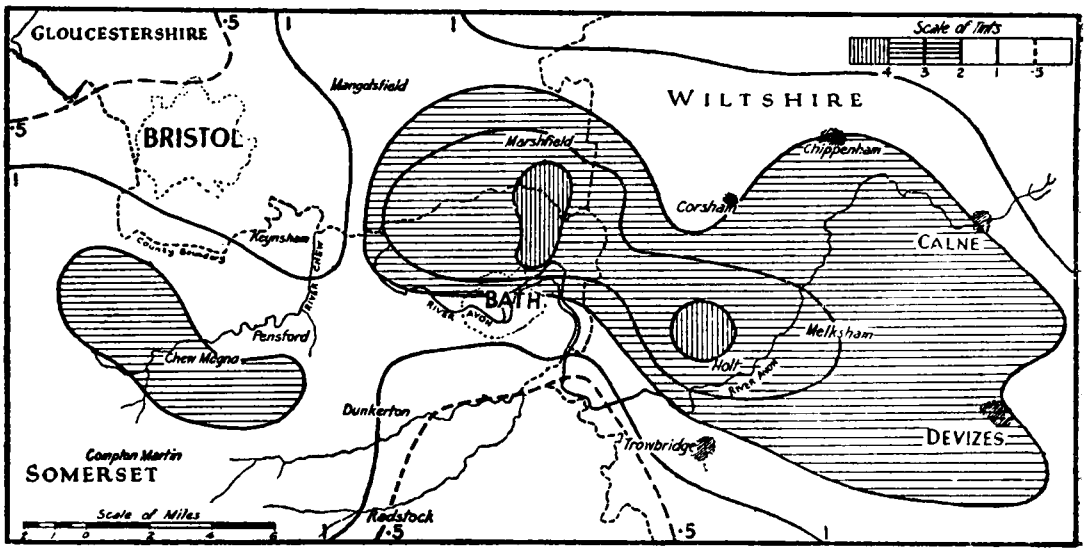
June 24th

Offaly.—Ferbane (Turraun Peat Wks.).....2·61 *in.* or 7·2 per cent.

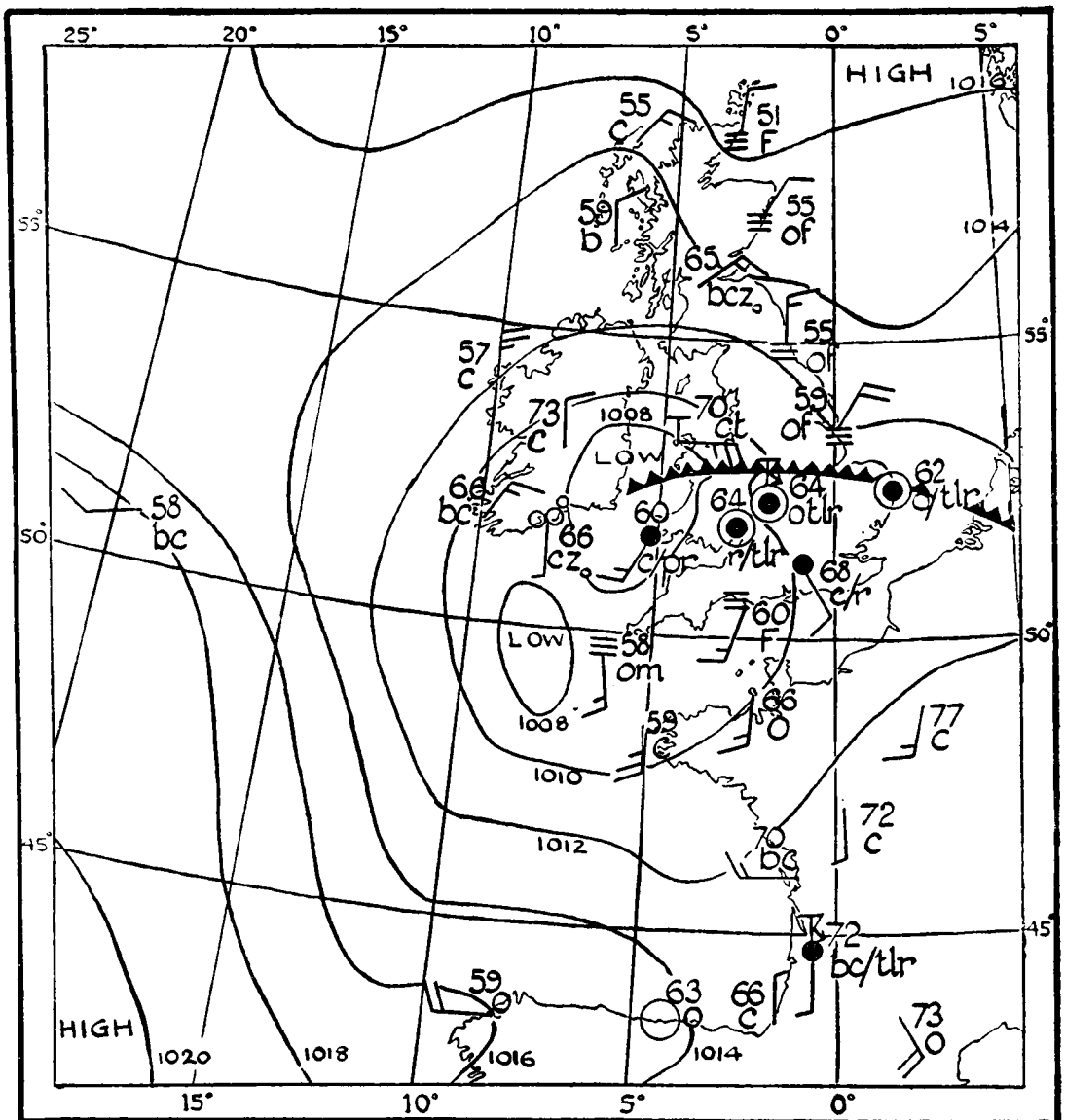
Some details of the intense rains recorded on June 25th are given in Section 6. A synoptic chart is reproduced showing the general weather conditions prevailing at 18 h. on the 25th. On the 25th a depression over the Bay of Biscay moved northwards and severe thunderstorms accompanied by heavy rain occurred over a wide area in the southern half of England and Wales.

Two stations to the east of Aberystwyth, maintained by the University at the Plant Breeding Station and at Lletty-evan-hen, recorded 2·76 and 3·25 inches within five hours from 15 h. to 20 h. The most noteworthy rains occurred in the neighbourhood of Bath, as much as 5·00 inches being recorded at Great Chalfield and 4·94 inches at Little Chalfield, between Melksham and Bradford-on-Avon. The distribution is shown on the map, from which it appears that there were two areas with over 4 inches and that more than 2 inches fell over an area of about 163 sq. miles to the north-east of Bath. Most of this rain fell within 3½ hours. At the Climatological station at Bath (Henrietta Park) 1·90 inches occurred between 13 h. and 16 h. 30 m. It is reported that more than 4 inches fell at Bathford (to the east of Bath) but that the gauge then overflowed. The Bath Waterworks recorded as much as 4·83 inches at Batheaston Reservoir. At Ashwicke Park, 5 miles to the north-east of Bath, 4·50 inches was recorded at the Home Farm and the height of the storm was reported as from 13 h. 30 m. to 16 h. 15 m. At Swainswick, two miles to the north of Bath, the gauge, which is usually read once a month only, contained 6 in. more after the storm than before. At Oriel Lodge, Lower Swainswick, 3·79 inches was recorded for the 3 hours from 13 h. 15 m. to 16 h. 15 m. The damage done by the flood water in

this area was extensive and due to the sudden swelling of the usually small streams draining these narrow valleys. The village of Swainswick occupies one side of the valley, which lies between the Lansdown and Charmy Down Spurs of the Cotswolds and drains an area some three miles long to the River Avon. All down the valley, fences adjoining the stream were washed away, low-lying gardens and cottages damaged, numerous landslides occurred and in some cases bridges were entirely swept away. Mr. J. S. Shackell of the Manor House, Swainswick reports the most severe downpour in the valley at any rate during the last 65 years. The River Avon at Bath is reported to have risen as much as 4 ft. in less than two hours and 6 ft. in 4¼ hours. The flooding which occurred in the east of Bath, was so severe that the Mayor asked for contributions for the relief of the sufferers. The tram service was held up at Lambridge to the east of Bath, the bus services were delayed between Bath, Chippenham and Melksham, while trains were delayed both at Melksham Station and Box tunnel owing to the depth of water on the lines.



Rainfall, June 25th, 1935.



Synoptic Chart, 25th. June, 1935. 18h G.M.T.

June 25th

Surrey.	*in.*	or %
Ewell (Stoneleigh Pk.)	3·25	..
Sutton (Sewage Wks.)	2·19	7·5
Berkshire.		
Steventon (Milton Hill)	2·40	7·6
Oxfordshire.		
Banbury (Bloxham Rd.)	2·84	8·2
Northamptonshire.		
Blisworth (Crieff Ho.)	2·50	8·2
Blisworth (Gd. Junc. Canal)	2·80	8·5
Northampton (Mental Hos.)	2·41	7·6
Duston (Southfield Rd.)	2·56	7·8
Wiltshire.		
Seend (Cleeve Ho.)	2·65	7·1
Holt (The Retreat)	3·53	8·3
Seend (Ferrum Towers)	2·85	7·7
Great Chalfield	5·00	11·7
Little Chalfield	4·94	11·8
Melksham (Beechfield)	(3·00)	..

Somersetshire.	*in.*	or %
Bath (Charlcombe)	3·11	7·7
Bath (L. Swainswick)	3·87	9·1
Batheaston Res.	4·83	12·2
Bath (Brockham End)	3·38	8·6
Lansdown	3·68	8·4
Gloucestershire.		
Bath (Monkswood Res.)	3·69	8·5
Marshfield (Ashwicke Hall)	3·05	..
Ashwicke Home Fm.	4·50	11·1
Warwickshire.		
Stratford-on-Avon (Shottery Hall)	2·10	7·6
Carmarthen.		
Abergorlech	3·02	4·5
Cardigan.		
Aberystwyth (P.B.S.)	2·76	5·6
Talybont (Lletty-evan-hen)	3·25	6·5

July, which was a sunny, warm and dry month over the country generally, gave only a few falls qualifying for inclusion in this Section and they were confined to Hampshire on the 1st, Somerset on the 11th and the Shetland Islands on the 20th.

The rains of the 1st and 11th were of the thunderstorm type, but that at Lerwick on the 20th was cyclonic being continuous throughout most of the day.

July 1st

Hampshire.	*in.*	or %
Osborne	2·58	6·0
East Cowes (Spring Hill)	3·00	7·8
Exbury	3·25	8·2
Beaulieu (Moonhills Gate)	2·52	6·2
Romsey (Embley Gdns.)	2·68	6·3
Romsey (Timsbury Manor)	2·64	6·4

Hampshire	*in.*	or %
Romsey (Timsbury P.S.)	2·90	6·7
Gosport	2·85	7·4
Hursley (Merdon Manor)	2·65	6·1
Winchester (Northgate Pl.)	2·54	5·9
Winchester (King's Worthy)	2·67	6·1

July 11th

Somersetshire.—Barrow Gurney Res. ..... 2·76 *in.* or 6·0 per cent.

July 20th

Shetland.	*in.*	or %
Lerwick (The Nabb C.G.S.)	3·37	7·8

Shetland.	*in.*	or %
Baltasound (Halligarth)	4·28	7·8

A depression, which travelled from Iceland to the Shetland Islands on *August* 10th, was associated with heavy rainfall in the north-west of Scotland.

August 10th

Argyll.	*in.*	or %
Morvern (Kingairloch)	3·22	3·1
Ardgour House	*3·80*	*3·5*
Glen Etive	*2·50*	*2·3*
Glencroe (Guithas Cott.)	2·61	2·5
Mull (Salen)	2·85	3·5
Inverness.		
L. Quoich (Kinlochquoich)	4·10	3·5
L. Quoich (Glenquoich)	*3·68*	*3·2*

Inverness.	*in.*	or %
L. Nevis (Inverie Gdns.)	2·88	3·6
L. Arkaig (Glendessary)	*3·15*	*2·7*
Fort William (Teviot)	*2·67*	*3·1*
Ross and Cromarty.		
Glenmoriston (Cluanie Inn)	*2·65*	*2·1*
L. Duich (Inverinate)	2·59	3·0
Achnashellach	2·72	3·2

August 18th

Norfolk.—Thetford (Waterworks).....2·16 *in.* or 8·5 per cent.

The large totals were due to steady rains from about noon on the 22nd until 9 h. on the 23rd.

August 23rd

Cornwall.	*in.*	or %
Gorran Haven	3·90	..

Cornwall.	*in.*	or %
Mevagissey	3·04	6·7

The duration of rainfall at Snowdon (Cwm Dyli) for the 26th was 14 hours.

August 26th

Lancashire.	*in.*	or %
Hawkshead Hill	*2·65*	*3·0*
Westmorland.		
Windermere (Brockhole)	*2·60*	*3·8*
Kentmere Head Res.	*2·65*	*2·5*

Merioneth.	*in.*	or %
Blaenau (Oakeley Q.)	*3·33*	*3·0*
Blaenau (Llechwedd Q.)	*3·44*	*3·0*
Caernarvon.		
Snowdon (Cwm Dyli)	*2·62*	*2·2*
Snowdon (Llydaw Intake)	*2·87*	*1·8*

Although the total rainfall during *September* over the country generally was nearly twice the average the entries qualifying for inclusion in this section were not remarkable.

September 2nd

Cumberland.	*in.*	or %
Borrowdale (The Moraine)	*3·18*	*3·7*

Ross and Cromarty.	*in.*	or %
Achnashellach	2·88	3·3

September 3rd

Sutherland.—Loch More (Achfary).....2·54 *in.* or 2·6 per cent.

Some rain fell in all parts of the British Isles on the 18th but the amounts reached one inch only in Wales, the English Lake District and parts of the western half of Scotland.

September 18th

Cumberland.	*in.*	or %
Ulpha	2·56	3·2
Glamorgan.		
Rhondda W. W. (Llyn Fawr R.)	2·60	2·7
Treherbert (Tyn-y-waun)	2·53	2·7
Rhondda (Castell Nos R.)	2·52	2·8
Rhondda (Lluest Wen R.)	2·98	3·6
Merioneth.	*in.*	or %
Blaenau (Oakeley Q.)	*3·08*	*2·7*
Blaenau (Llechwedd Q.)	*2·80*	*2·5*
Carnarvon.		
Beddgelert (Co. School)	*2·59*	*2·7*
Snowdon (Cwm Dyli)	*2·87*	*2·5*
Snowdon (Llydaw Intake)	*3·70*	*2·4*

The total rainfall recorded at Kinlochquoich, at the head of Loch Quoich, during the 8 days the 13th to 20th was as much as 10·48 inches.

September 19th

Inverness.—L. Quoich (Kinlochquoich).....*2·53 in.* or *2·2* per cent.

The thunderstorms experienced in many parts of England and Wales in the early hours of the 22nd were remarkable for the abnormal fall of hail. In Northamptonshire much glass was broken by the hailstones, which were exceptionally large. Further details of the storm are given in Part IV.

September 21st

Yorkshire.	*in.*	or %
Slaidburn (Croasdale Ho.)	2·71	4·6
Oughtershaw Hall	*2·75*	*3·8*
Hawes Junc. (Moorland Cott.)	*2·70*	..
Durham.		
Seaham (Dalton P.S.)	3·05	9·7
Ryhope P.S.	2·97	10·3
Sunderland (W. Hendon Ho.)	2·44	8·1
Durham.	*in.*	or %
Sunderland (Mowbray Pk.)	2·32	8·8
Glamorgan.		
Barry (Porth-y-Castell)	3·02	7·3
Merioneth.		
Blaenau (Oakeley Q.)	*2·50*	*2·2*
Blaenau (Llechwedd Q.)	*2·50*	*2·2*

September 24th

Northamptonshire.	*in.*	or %
Wellingborough (Nene Wharf)	2·03	7·5
Cambridgeshire.		
Cambridge (Corporation Store Yd.)	1·83	8·0
Cambridgeshire.	*in.*	or %
Cambridge (Corporation P.S.)	1·70	8·0
Cottenham (Bernard Ho.)	1·80	7·6

Although heavy falls qualifying for inclusion in this section occurred during *October* on as many as ten days, they were confined to small areas and call for little comment.

October 2nd

Renfrew.	*in.*	or %
Kilmacolm Village	2·54	4·1
Perth.	*in.*	or %
Glen Almond (Auchnafree)	*2·64*	*4·0*

October 3rd

Isle of Man.—Ramsey (N. Promenade).....2·63 *in.* or 7·1 per cent.

October 4th

Inverness.—Inverness (Ruigh Ard Asylum).....2·50 *in.* or 6·1 per cent.

October 5th

Devonshire.	*in.*	or %
Tavistock	2·68	5·2
Tavistock (The Library)...	2·55	5·1
Mary-Tavy (Blackdown)..	2·90	4·5
N. Brentor (Langstone)...	2·70	5·1

Devonshire.	*in.*	or %
Coryton Manor.....	3·28	6·6
Lifton (Tulip Trees).....	2·66	5·1
Lew Down (Coombe Trenchard)	3·85	7·6
Ashwater	3·80	7·8

October 9th

Yorkshire.	*in.*	or %
Holmebridge (Yateholme Res.)	*2·51*	*3·4*
Holmebridge (Yateholme Fm.)	*2·56*	*3·5*
Brecon.		
Cardiff W. W. (Garw-nant).	2·53	3·1
Cardiff W. W. (Storey Arms Fld.)	2·62	3·0

Merioneth.	*in.*	or %
Blaenau (Oakeley Q.).....	*3·10*	*2·8*
Blaenau (Llechwedd Q.)...	*3·10*	*2·7*
Carnarvon.		
Snowdon (Llydaw Intake).	*3·13*	*2·0*

October 16th

Inverness.—L. Quoich (Glenquoich).....*2·68 in.* or *2·3* per cent.

October 18th

Argyll.	*in.*	or %
Glenleven (Blackwater Dam, S.)	*2·95*	*2·8*
Inverness.		
L. Quoich (Glenquoich)..	3·89	3·3

Ross and Cromarty.	*in.*	or %
Glenmoriston (Cluanie Inn)	4·02	3·3

October 19th

Inverness.	*in.*	or %
L. Quoich (Kinlochquoich).	*3·80*	*3·3*

Inverness.	*in.*	or %
Glenmoriston (Ceannacroc).	*3·45*	*4·7*

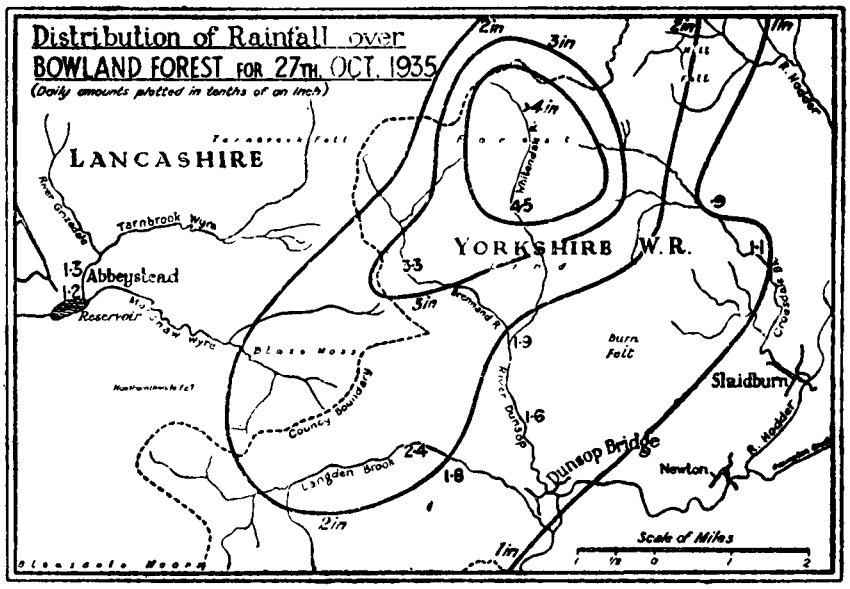
The total rainfall at Glenquoich, on Loch Quoich, for the 8 days, the 13th to 20th, was 12·50 inches and the 4 days, the 16th to 19th, 8·66 inches.

The map shows the probable distribution of the rainfall for the 27th over Bowland Forest, the actual observations being indicated. So far as can be ascertained from local observations at least half of the total rain fell during the 3½ hours from 15 h. 30 m. to 19 h.

October 27th

Lancashire.	*in.*	or %
Bolton W. W. (Springs)...	2·56	3·8
Torver (Greystones)	2·90	3·8
Hawkshead Hill.....	*2·85*	*3·2*

Yorkshire.	*in.*	or %
Slaidburn (Brennand).....	3·29	4·3
Slaidburn (Whitendale)...	4·50	5·6
Westmorland.		
New Dungeon Ghyll Hotel.	*2·62*	*2·4*



Rainfall, October 27th, 1935.

October 28th

Kirkcudbright.—Craigencallie .....3·09 *in.* or 3·8 per cent.

November resembled October in that, although the rainfall over the country was in excess of the average, the number of heavy falls on rainfall days was small.

November 14th

Devonshire.	*in.*	or %	*Devonshire.*	*in.*	or %
Yelverton (Oakfield).....	2·56	4·1	S. Brent (Brentmoor Ho.)..	3·50	4·2

November 16th

Dorsetshire.	*in.*	or %	*Dorsetshire.*	*in.*	or %
Steeple (Manor House)....	2·58	5·9	Creesh Grange.....	2·65	5·6

November 17th

Carnarvon.	*in.*	or %	*Midlothian.*	*in.*	or %
L. Eigiau (Dam Site).....	4·60	5·5	Pentland Hills (Harlaw R.)	2·39	7·7
Snowdon (Cwm Dyli).....	3·32	2·8			

November 20th

Down.—Mourne Mts. (Fofanny Res.).....2·89 *in.* or 4·6 per cent

There were no falls qualifying for inclusion in this section during *December*.

A deep secondary depression which passed across England on the 16th to 18th caused local gales and widespread heavy rain, accompanied by flooding in places. Cottages in Mortimer Street, Trowbridge, were flooded to a depth of 4 ft.

8. MONTHLY RAINFALL IN 1935.

Information as to the rainfall of the months of 1935 is set out in this section in various forms :—

(1) Table XIX (a) gives general values of the monthly and annual rainfall over the British Isles as a whole and also over the constituent countries separately.

(2) On page 76 details are given of some of the largest and smallest monthly totals of rainfall reported during 1935.

(3) In Table XX the monthly and annual totals of rainfall are set out for 400 stations, distributed as evenly as possible over the British Isles.

(4) Table XXI gives the monthly and annual falls expressed as percentages of the averages for 1881 to 1915. It is confined to 150 stations, uniformly distributed over the British Isles, for which averages are available. At the end of this table, general monthly and annual percentage values are given for the British Isles and for each of the constituent countries.

(5) A set of twelve maps showing the distribution of the actual rainfall in each month, is reproduced in this article. A thirteenth map on a larger scale depicting the distribution of rainfall for the whole year appears in Section 10. These maps were originally drawn on the much larger scale of 19 miles to the inch, and values from as many as possible of the 5,000 separate stations were plotted on each map before the isohyetal lines were drawn. Details which would tend to confuse the maps on the small scale of the reproductions have been eliminated.

(6) A second set of twelve maps showing cartographically the distribution of the percentage monthly values given in Table XXI and in the rainfall table published month by month in the *Meteorological Magazine* is also reproduced in this article. The corresponding percentage map for the whole year appears later in Section 10.

In Table XIX (b) the average values, taken from the Book of Normals, Table 21A (M.O. 236, Section V), are given for comparison with the values for 1935 given in Table XIX (a).

General Monthly Rainfall.

The general monthly values shewn in Table XIX (a) have been computed by applying the percentage values given at the end of Table XXI to the average general values for the period 1881 to 1915. These computed values have been subsequently slightly adjusted in order that the totals for the year should agree with the totals given in Table XXIII which are based on a more exact determination as explained in the text accompanying that table.

Table XIX (a).—*General Rainfall for* 1935, *computed from the average*, 1881–1915, *by applying the general percentage values given in Tables XXI and XXIII to the General Average Values.*

	England.	Wales.	England and Wales.	Isle of Man.	Scotland.	Ireland.	British Isles.
	in.	in.	in.	in.	in.	in.	in.
January	2·0	2·2	2·0	2·2	3·8	1·8	2·5
February	3·7	6·4	4·0	4·4	5·5	4·5	4·7
March..	·9	1·4	·9	1·6	2·8	1·8	1·7
April	3·6	5·3	3·8	3·8	4·1	3·3	3·9
May	1·4	1·6	1·4	1·2	1·4	1·3	1·4
June	3·5	5·3	3·7	4·2	4·1	5·4	4·3
July	·8	1·1	·8	1·6	2·6	1·2	1·4
August	2·5	2·3	2·5	1·7	3·9	3·1	3·1
September	4·8	8·3	5·3	5·7	6·9	6·2	6·0
October	4·5	8·5	5·8	6·1	9·1	4·9	6·1
November	5·6	7·7	5·9	6·0	6·1	5·6	6·1
December	3·6	4·5	3·7	5·1	4·0	3·4	3·9
Year	36·9	54·6	39·8	43·6	54·3	42·5	45·1

The main features of the distribution of the rainfall of 1935 amongst the months were the alternation of dry and wet months up to July, and the wet autumn. The alternation of dry and wet months, which commenced in November, 1934, continued without a break until August, 1935, both July and August giving less than the average. The total rainfall over the country, up to the end of August, was 2·2 inches short of the average. The wetness of the autumn is illustrated by the fact that the four months September to December contributed 22·1 inches, or very nearly half the total rainfall of the year.

Table XIX (b).—*General Monthly and Annual Averages of Rainfall*, 1881-1915.

	England	Wales	Isle of Man	England and Wales	Scotland	Ireland	British Isles
	in.	in.	in.	in.	in.	in.	in.
January	2·69	4·72	3·40	2·99	4·90	4·07	3·78
February	2·34	3·94	3·25	2·57	4·18	3·53	3·26
March	2·47	3·82	3·03	2·67	4·05	3·36	3·22
April	1·98	2·96	2·47	2·12	2·99	2·75	2·52
May	2·19	2·95	2·82	2·30	3·01	2·75	2·61
June	2·33	3·05	2·54	2·44	2·83	2·82	2·64
July	2·75	3·60	3·22	2·87	3·78	3·37	3·25
August	3·11	4·71	4·01	3·35	4·51	4·20	3·88
September	2·37	3·51	3·22	2·54	4·00	3·13	3·09
October	3·69	5·63	4·64	3·97	4·90	4·08	4·25
November	3·19	5·25	4·73	3·49	5·29	4·28	4·19
December	3·56	6·00	4·97	3·92	5·88	4·96	4·72
Year	32·67	50·14	42·30	35·23	50·32	43·30	41·41

The wettest months over the country generally were October, November and September. October was the wettest month over Wales and Scotland, November over England and September over Ireland. May and July were the driest months over the country generally. July ranked as the driest month over England and Wales, and May over Scotland and Ireland.

At the end of Table XXI the general values are given as percentages of the average. The rainfall exceeded the average over the British Isles as a whole in six months, *viz.* February, April, June, September, October and November. September, 1935, with 195 per cent., was wetter than other Septembers in the series back to 1870, apart from those of 1927, 1918, and 1896 with 204, 242 and 206 per cent. respectively. April, 1935, was the wettest April since that of 1913 and

February, 1935 since that of 1925. On the other hand July, 1935, with 43 per cent. was drier than other Julys in the series apart from those of 1913 and 1898 with 39 and 41 per cent. respectively. May, 1935 was remarkable in that it was the driest May since those of 1895 and 1896.

The total recorded in July at Hull, of ·22 inch, was less than that in any July back to 1870, the next smallest being ·40 inch in 1897. At Eastbourne (with ·19 inch) the month was also the driest July back to 1870. On the other hand October, 1935 was the wettest month of any name back to 1870 at Inveraray Castle, Argyllshire (with 22·92 inches). At Glengyle in Perthshire the total of 18·65 inches was exceeded in only one October, *viz.* that of 1903 with 19·10 inches. The total recorded at Ventnor in November, *viz.* 8·55 inches was exceeded back to 1870 only in the November of 1877 with 8·79 inches.

Extremes of Monthly Rainfall at Individual Stations.

(*a*) *Monthly Totals.*—More than 30 inches was recorded in February in the English Lake District. The largest actual measurement was 34·00 inches at Sprinkling Tarn above Borrowdale.

On the other hand the smallest totals were recorded in March in Kent. The smallest actual measurements were :—

Station	*Amount in.*
Birchington (Hollydene)	·04
Margate (Cliftonville)	·04
Birchington (Acol Farm)	·07
Broadstairs (Domus)	·09

A few isolated stations recorded only a tenth of an inch in July.

(*b*) *Monthly Percentage Totals.*—Monthly totals of more than three times the average were recorded at isolated stations in June, September and October. The total for June at Blair Atholl, in Perthshire, was 5·98 inches or 302 per cent. Rain fell on 24 days but the amounts reached half-an-inch only on the 23rd (a day of widespread thunderstorm rains, as shewn in Section 7) when there was 2·00 inches. At Cashel (Ballinamona) the total was 7·24 inches (319 per cent.) and rain fell on 24 days. The amounts for the 3rd to 5th, 13th to 15th, 17th to 19th and 24th to 25th were 1·14, 1·56, 1·27 and 2·14 inches respectively. For September the totals at York and Lake Vyrnwy (Montgomeryshire) were 5·20 inches (319 per cent.) and 10·73 inches (304 per cent.). At York 1·72 inches fell on the 24th. At Lake Vyrnwy, rain fell on 21 days, the totals for the five days, 14th to 18th, and the four days 21st to 24th, were 4·61 and 2·27 inches respectively, but no individual entry was remarkable. For October

the total at Inveraray, in Argyllshire, was 22·92 inches (326 per cent.). The large total was due to frequent and heavy rains for some rain fell on every day but one and the amounts exceeded one inch on as many as twelve days.

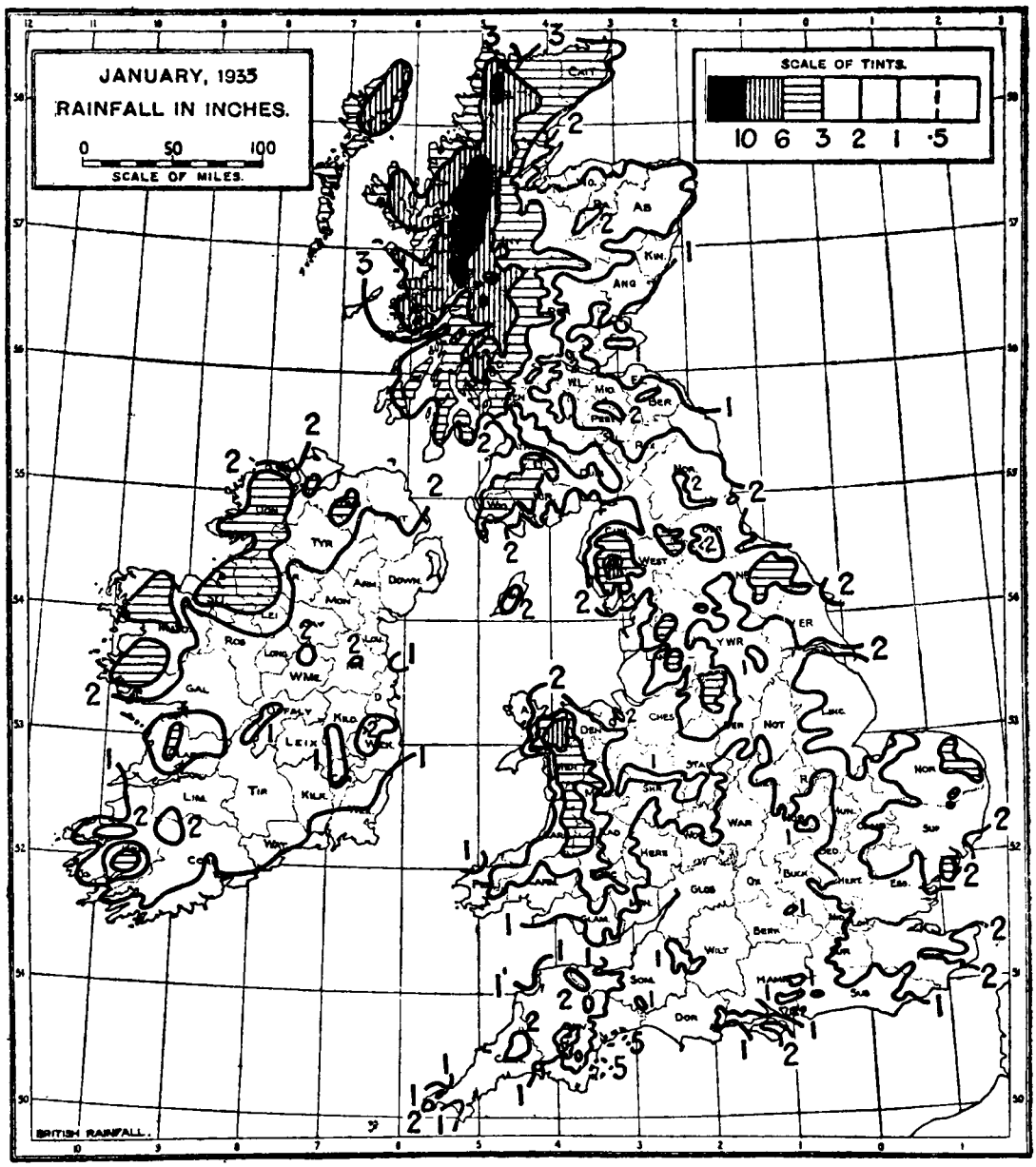
The smallest percentage values occurred in March, when there was less than 10 per cent. of the average in the east of Kent, with only 3 per cent. at Margate.

The Rainfall and Weather of the Individual Months.

*** **Maps showing the distribution of mean pressure and the movements of the centres of depressions for each month are published in the *Monthly Weather Report*.**

In the following pages maps are given showing the distribution of the actual rainfall in each month, and of the percentage monthly values, together with a short description of the weather of each month. Further details are given in the *Monthly Weather Report* and in the *Meteorological Magazine*.

January.—The month was dry over most of the British Isles and on the whole mild. The mean pressure at 7 h. markedly exceeded the average, the excess varying from 15 mb. in the west to 7 mb. in the east. Westerly or northerly winds predominated and those from between east and south were infrequent. The first few days were unusually mild, but with high pressure becoming established to the

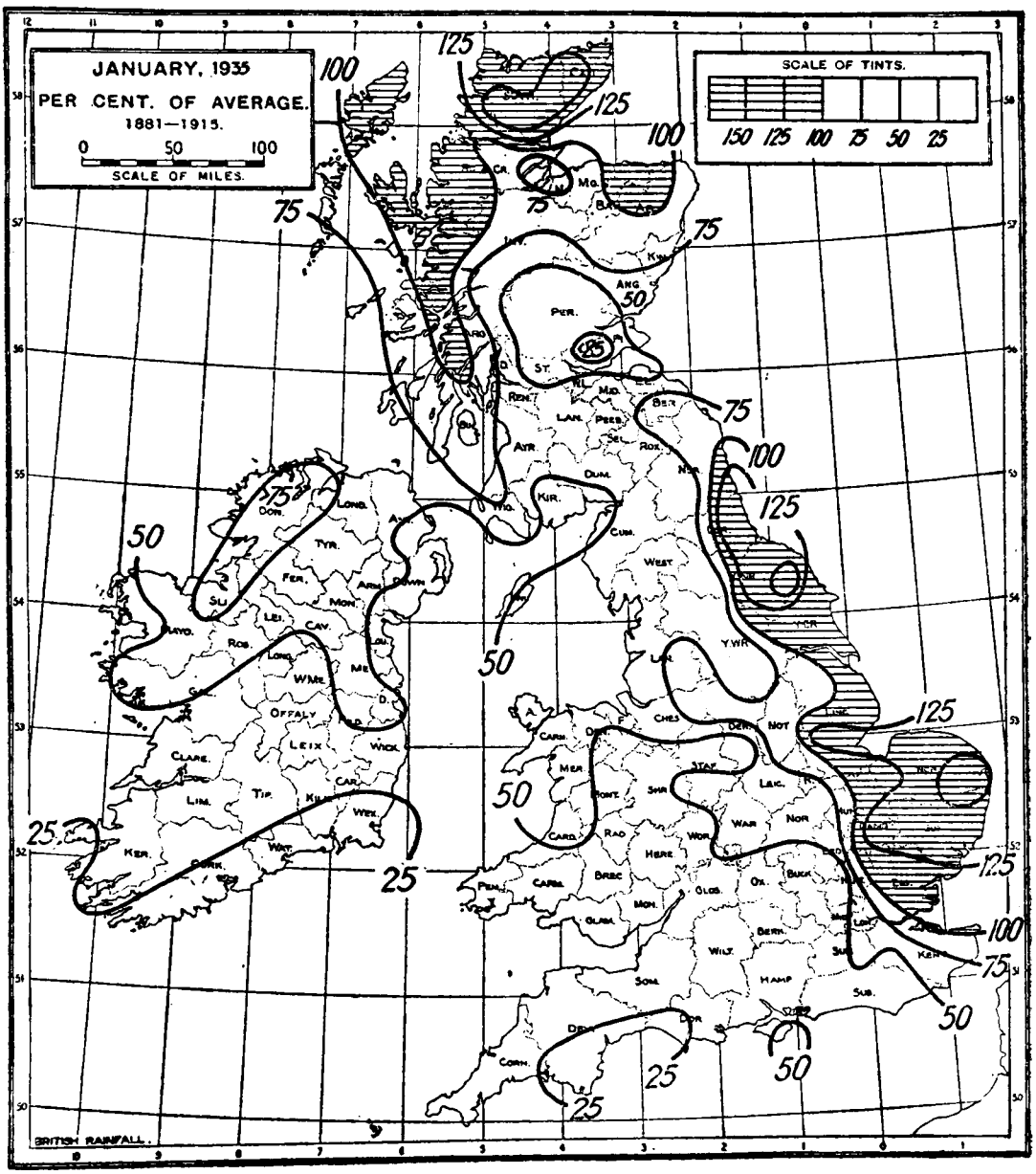


Rainfall, January, 1935.

westward of the British Isles and later with an extension over Scotland of the Russian high, there were cold conditions until the 9th with some wintry precipitation. With the approach of Atlantic depressions milder unsettled weather prevailed until the 12th. The Azores anticyclone then moved north-east and dominated conditions over the British Isles until the 22nd. Subsequently a deep depression moved

eastward from Iceland to the Baltic and in its rear polar winds brought wintry precipitation, especially in the north and east, where snow lay for some days in many places and to a depth of 9 inches in Durham.

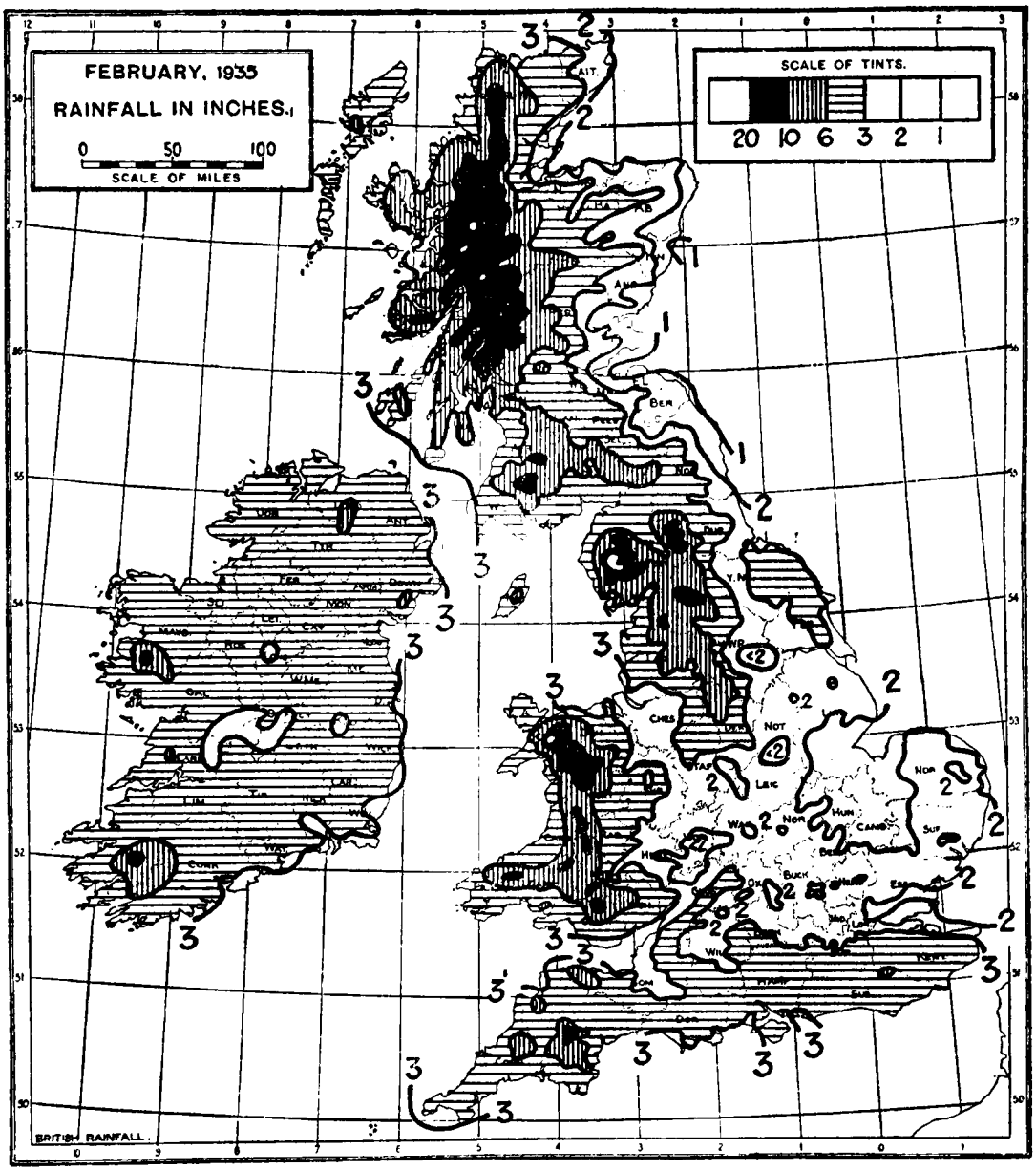
The rainfall varied from half-an-inch at Sidmouth and Brixham to more than 10 inches in the Western Highlands of Scotland and the English Lake District. There was less than one inch over much of



Rainfall, January, 1935, as per cent. of average.

southern England, the Midlands and the neighbourhood of the Firths of Forth and Tay. The percentage map shows that rainfall above the average occurred in the east of England and north-west of Scotland. There was less than 25 per cent. in the south of Ireland, South Devon, Dorset and Kinross-shire.

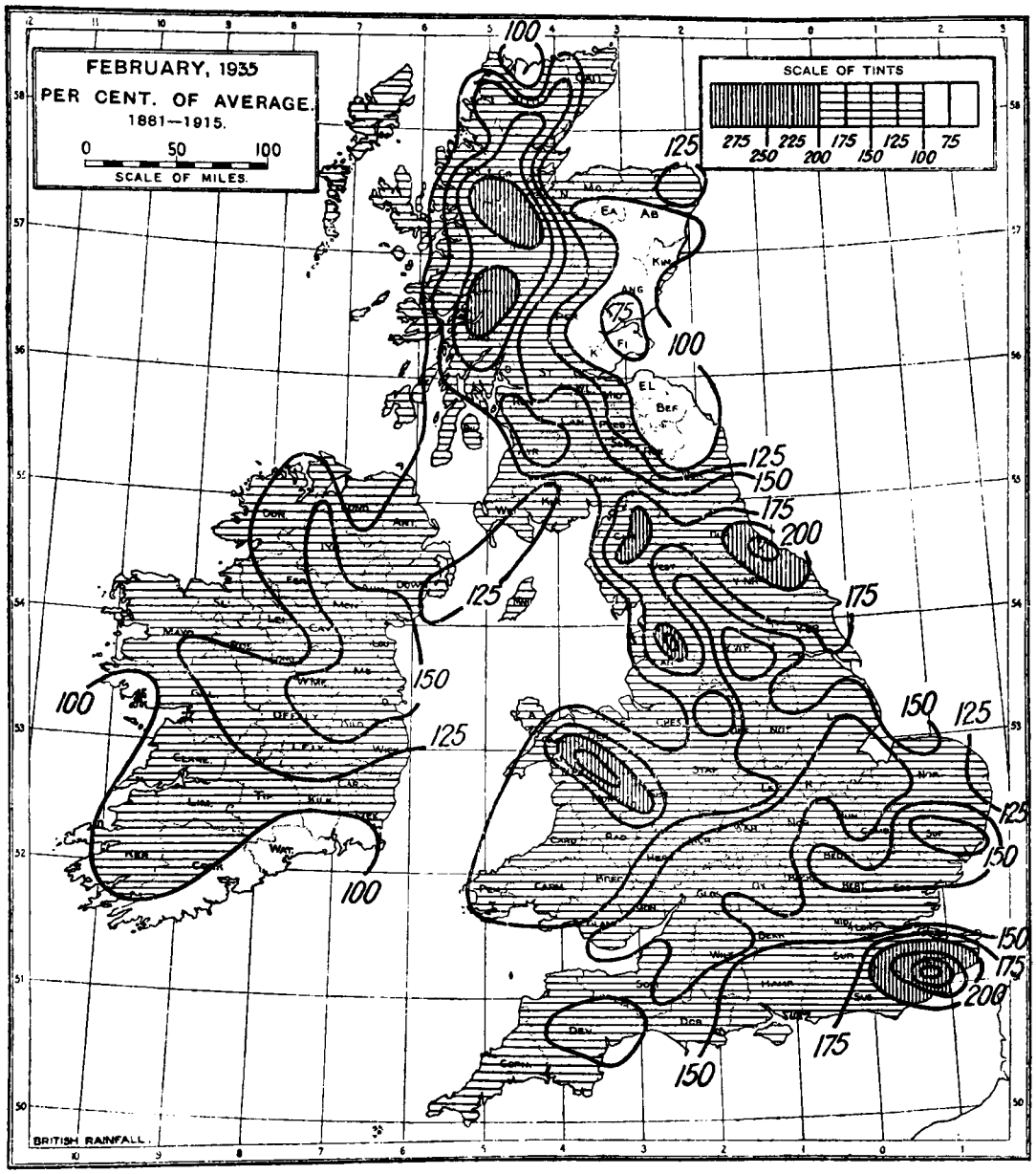
February.—The month was mild and wet with frequent and widespread gales. Mean pressure was generally below the average, the deficiency at 7 h. ranging from 5 mb. at Scilly to 14 mb. at Lerwick. For the greater part of the month winds from between south-west and north-west predominated. Conditions were cyclonic for the first six



Rainfall, February, 1935.

days with mild and stormy weather. After a brief period of anticyclonic conditions there was another spell of stormy wet weather associated with a prolonged series of intense depressions. Flooding occurred in many places and gales over a wide area. Appreciable snow fell in Scotland and in England between the 20th and 24th, while thunderstorms occurred in southern England and Scotland.

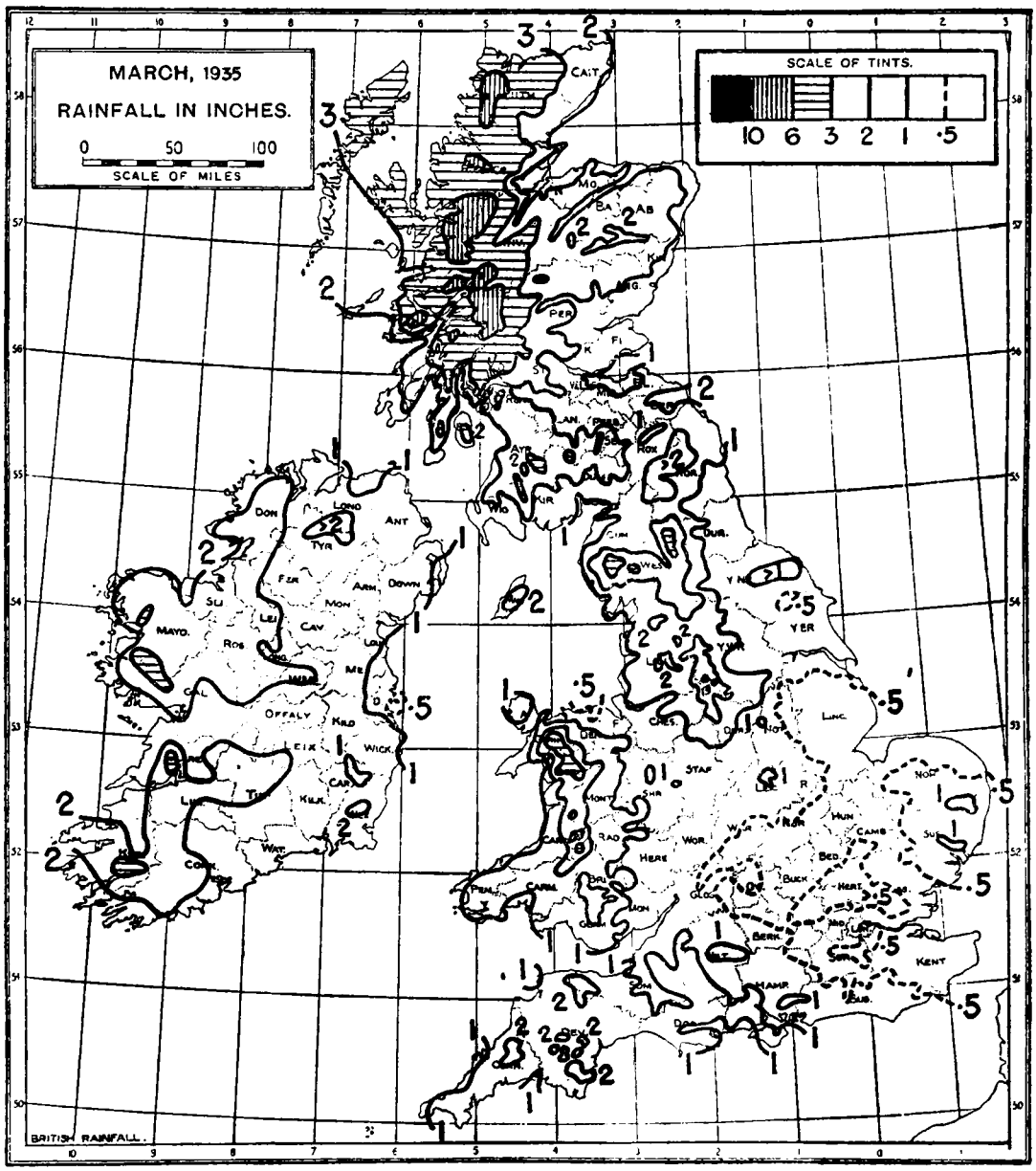
The total rainfall varied from less than 1 inch in the neighbourhood of the Firth of Forth and round Stonehaven to over 30 inches locally in the English Lake District. The percentage map shows that the rainfall was less than the average only in parts of the south-east, east and



Rainfall, February, 1935, as per cent. of average.

extreme north of Scotland and along the south-west coast of Ireland. Many stations recorded more than twice the average especially in the Western Highlands of Scotland, northern England, North Wales and Kent. At Tenterden, in Kent, the total was 5·51 inches (280 per cent.) and of this as much as 3·97 inches (or twice the average for the month) fell during the eight days the 20th to 27th.

March.—The main features of the weather of the month were the deficiency of rainfall over practically the whole of the British Isles, the cold period from the 8th to the 11th and the remarkable mild spell from the 18th to 28th. The mean pressure for the month exceeded the average everywhere, the excess at 7 h. varying from 7 mb. at Valentia

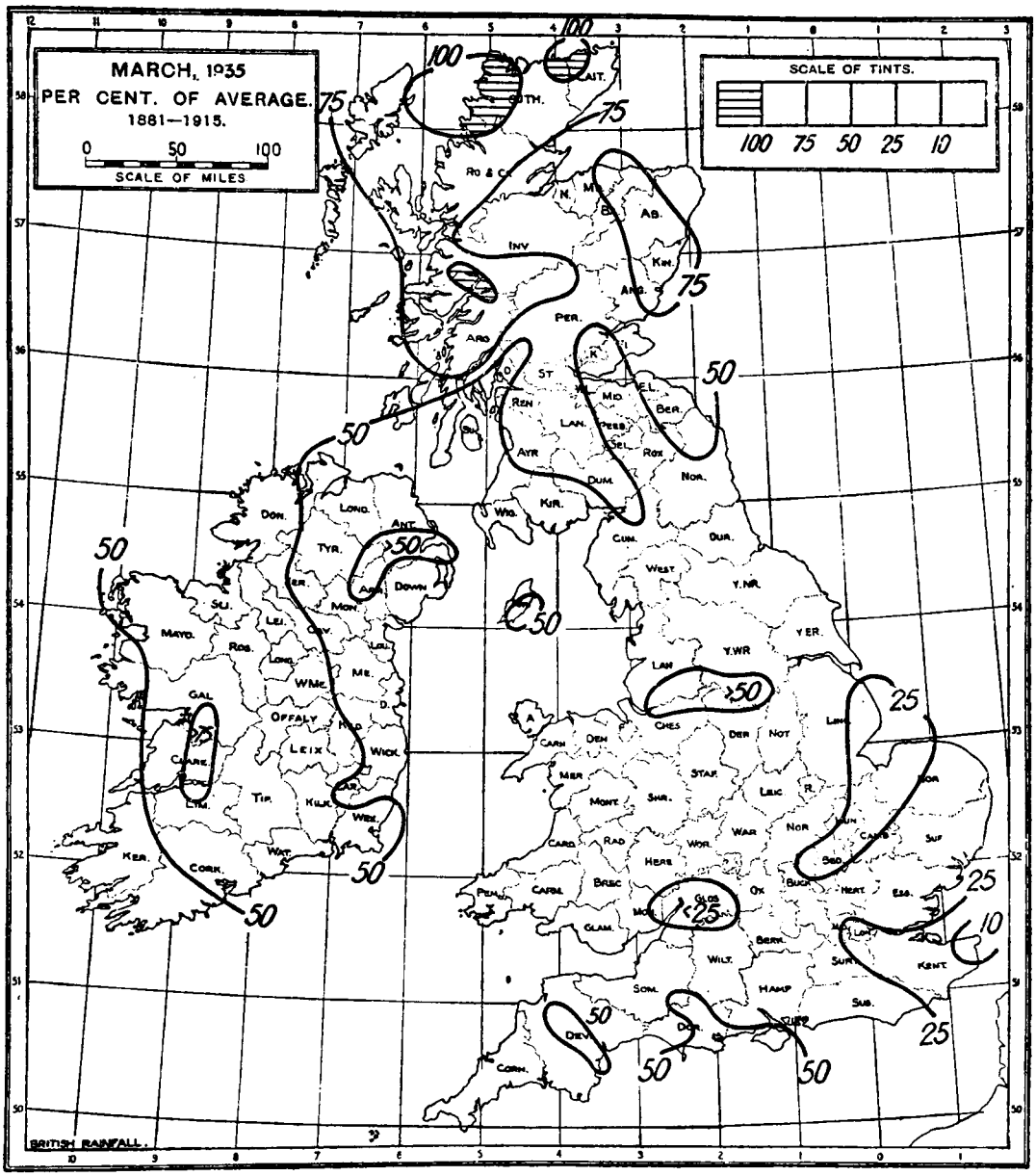


Rainfall, March, 1935.

to 11 mb. at Lerwick. Conditions during the month were mainly of an anticyclonic nature although breaks occurred. From the 8th to 11th cold easterly winds prevailed and on the 9th the maximum temperature at many stations in the south only reached or just exceeded 32° F. During this cold weather some snow fell in Scotland, the heaviest falls

occurring in the south and south-west. In the very mild spell temperatures over 65° F. were recorded at a number of places in the south-east and east of England on the 21st.

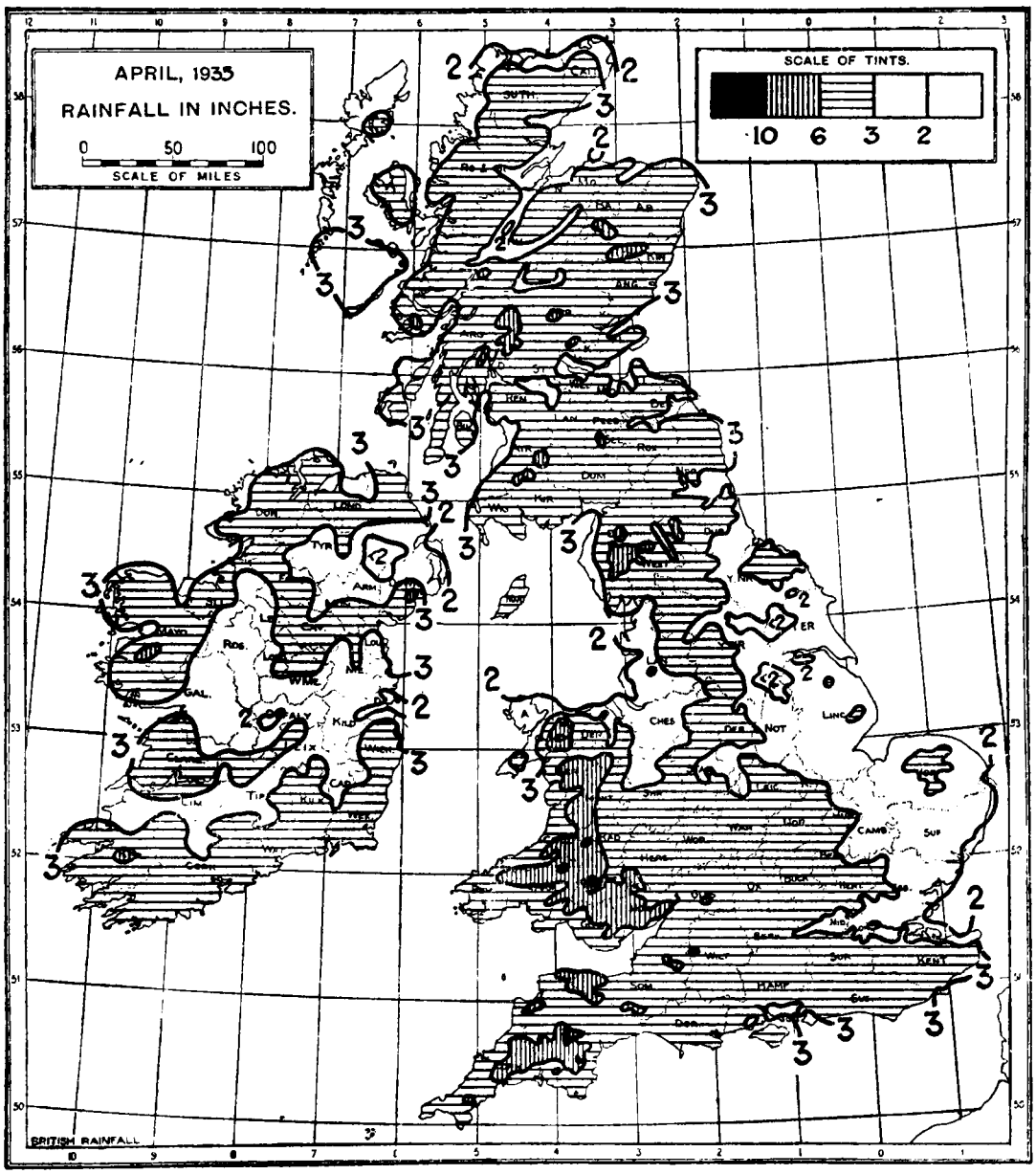
The rainfall in inches varied from less than half an inch over much of the south-east of England and around Dublin to 10 inches on



Rainfall, March, 1935, as per cent. of average.

Ben More, Isle of Mull. The percentage map shows that the rainfall was less than the average everywhere apart from a few stations in the extreme north of Scotland. There was less than 25 per cent. over an area stretching from the Wash to Bedfordshire, as well as in Kent, London and Gloucestershire, with less than 10 per cent. in the extreme east of Kent.

April.—The rainfall of the month exceeded the average in most parts of the country and was as much as twice the average over much of the south-eastern half of England and Wales, as well as in parts of the south-east of Scotland. Over most of the country the totals of sunshine were less than the average, while temperatures were slightly

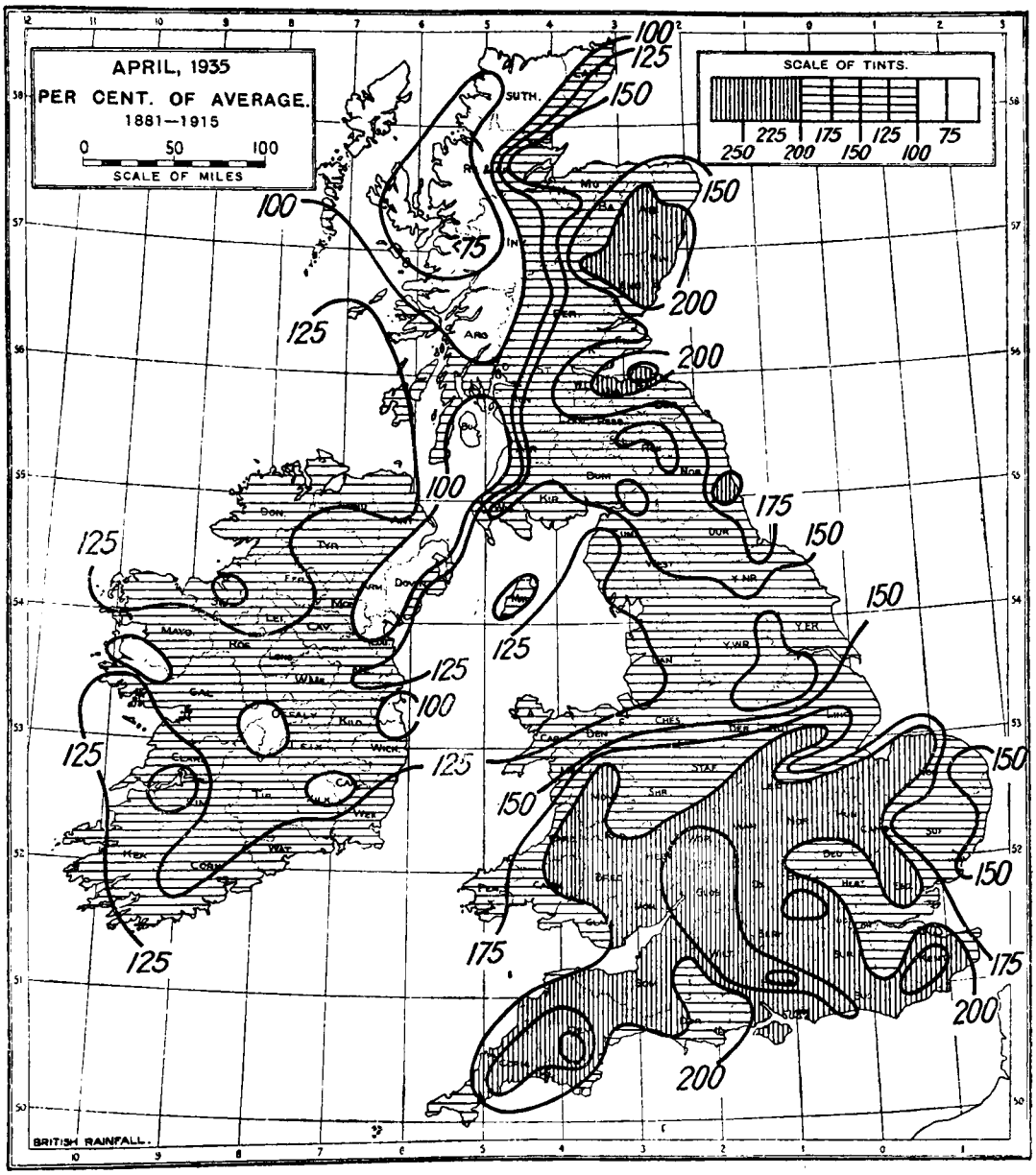


Rainfall, April, 1935.

above. The mean pressure for the month was everywhere below the average, the deficiency at 7 h. varying from 3 mb. at the Scilly Isles and Stornoway to 6 mb. at Tynemouth and Spurn Head. For the first five days cold northerly winds prevailed with showers of rain, hail, sleet or snow. From the 6th to 23rd complex depressions advancing

from the Atlantic controlled the weather and rain was frequent with local thunderstorms. Subsequently anticyclonic conditions prevailed generally, but a depression over Germany caused general rain in the south-east on the 25th.

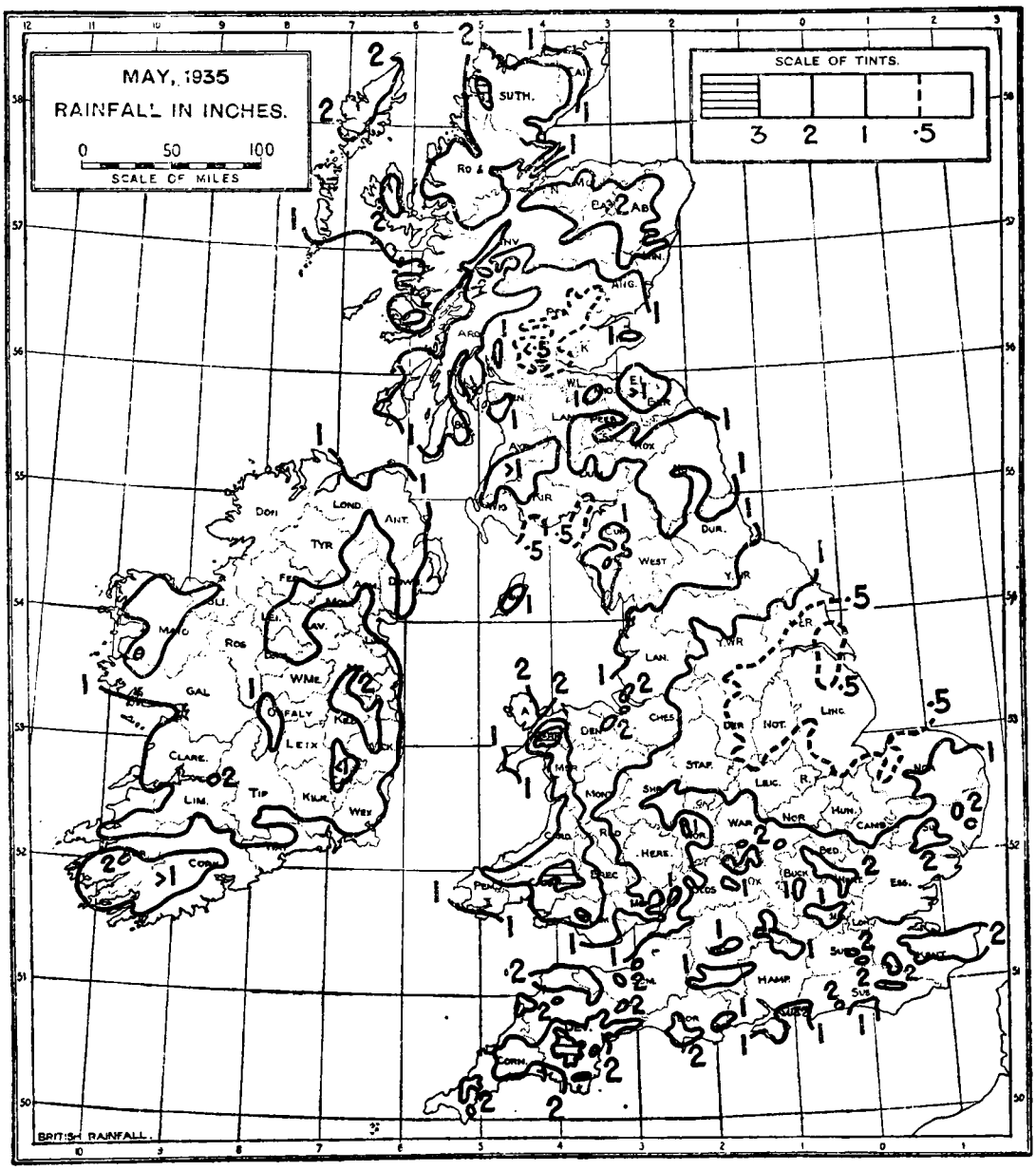
The distribution over the country of the rainfall in inches was fairly



Rainfall, April, 1935, as per cent. of average.

uniform, most stations reporting between 2 and 5 inches. More than 10 inches was recorded, however, in parts of the mountainous regions of Wales. The variation over the percentage map was from less than 75 per cent. over much of the Western Highlands to 250 per cent. at isolated stations in Devon and Hampshire.

May.—The weather of the month was remarkable for the exceptionally cold, wintry spell from the 12th to 19th ; the large excess of sunshine in western Scotland and in the north-west of England, and the deficiency of rain in most districts. During the wintry spell much damage was done to trees, fruit and early vegetables by the widespread



Rainfall, May, 1935.

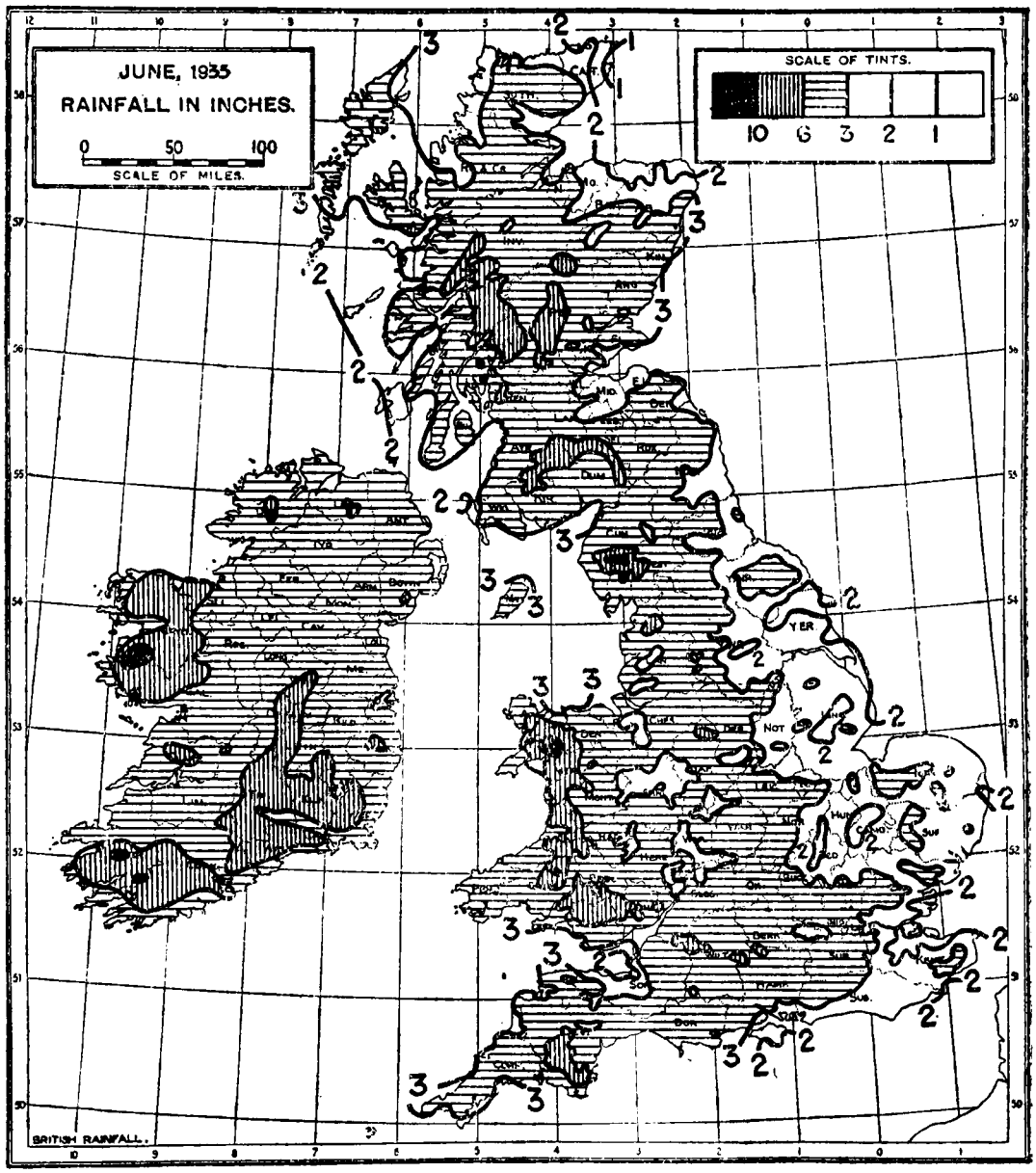
severe frost and snow. At Turnberry, on the south-west coast of Scotland the total duration of bright sunshine was 307 hours, while at Stonyhurst, in Lancashire, the total was greater than that for any month in observations from 1881. Pressure everywhere exceeded the average, the excess at 7 h. varying from 9·6 mb. at Lerwick to 2·8 mb.

at Portland Bill. At the beginning of the month the weather was dominated by an anticyclone which covered most of the country on the 6th and eventually moved towards Iceland. Between the 12th and 19th the British Isles lay in the track of a broad belt of polar air between the Icelandic high and the low pressure systems over Germany.

Rainfall, May, 1935, as per cent. of average.

and N. Russia. The very cold air was eventually cut off by a depression moving south-south-east from Iceland to the Bay of Biscay. Anticyclonic conditions were re-established in Scotland on the 21st and persisted in northern districts until the end of the month.

June.—This was a wet month in most localities with frequent thunderstorms. Pressure was generally below the average, the deficiency being 8 mb. over most of Ireland. The dry weather which had prevailed during most of May was breaking up at the beginning of June, with the advance of a large depression from the Atlantic, and for three

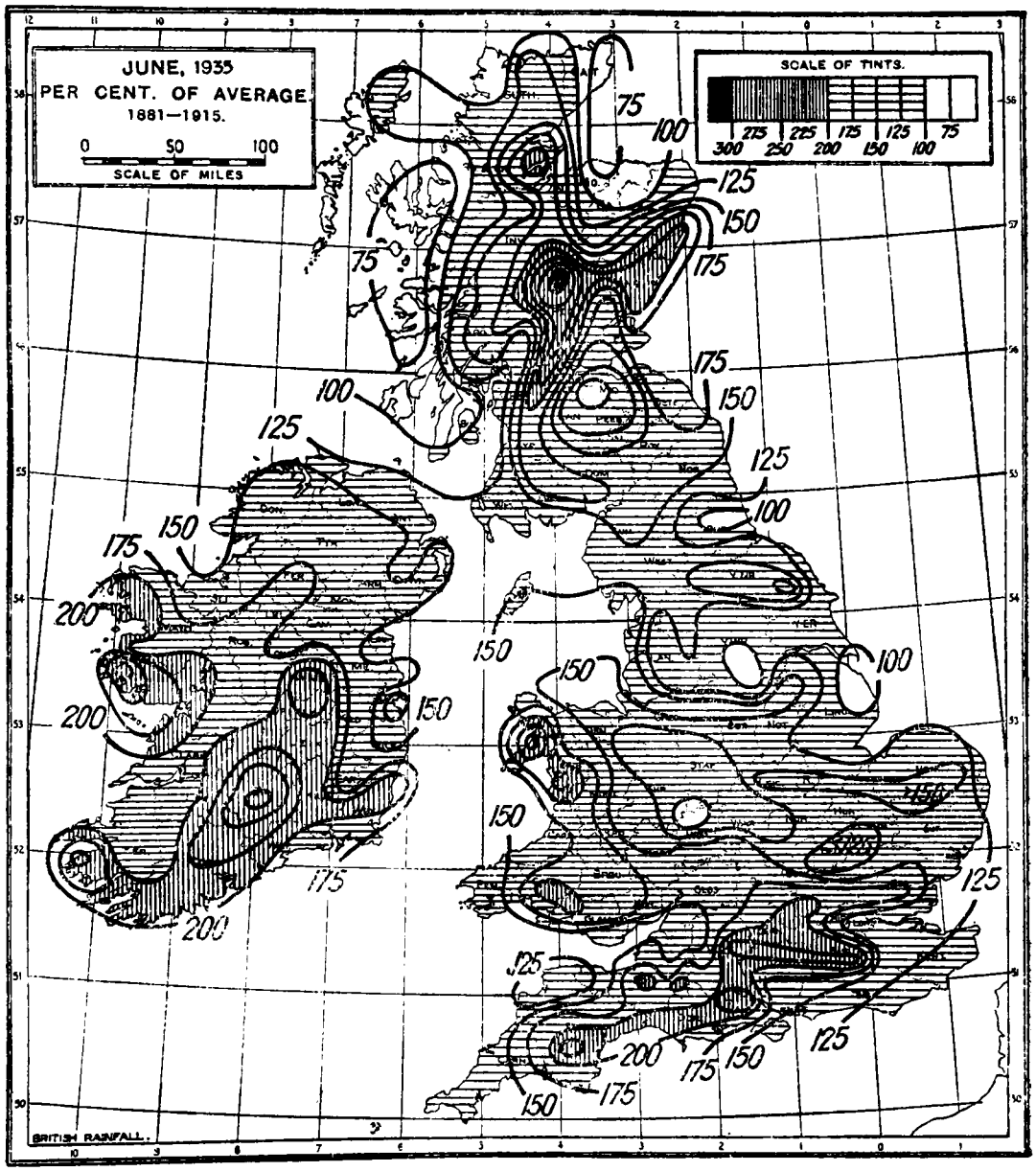


Rainfall, June, 1935.

weeks cyclonic conditions prevailed. Severe thunderstorms occurred in North Wales and Central Scotland on the 23rd and in many localities in England and Wales on the 25th (see Section 7).

The total rainfall in inches varied from less than one inch on the north-east coast of Caithness to more than 10 inches locally in the

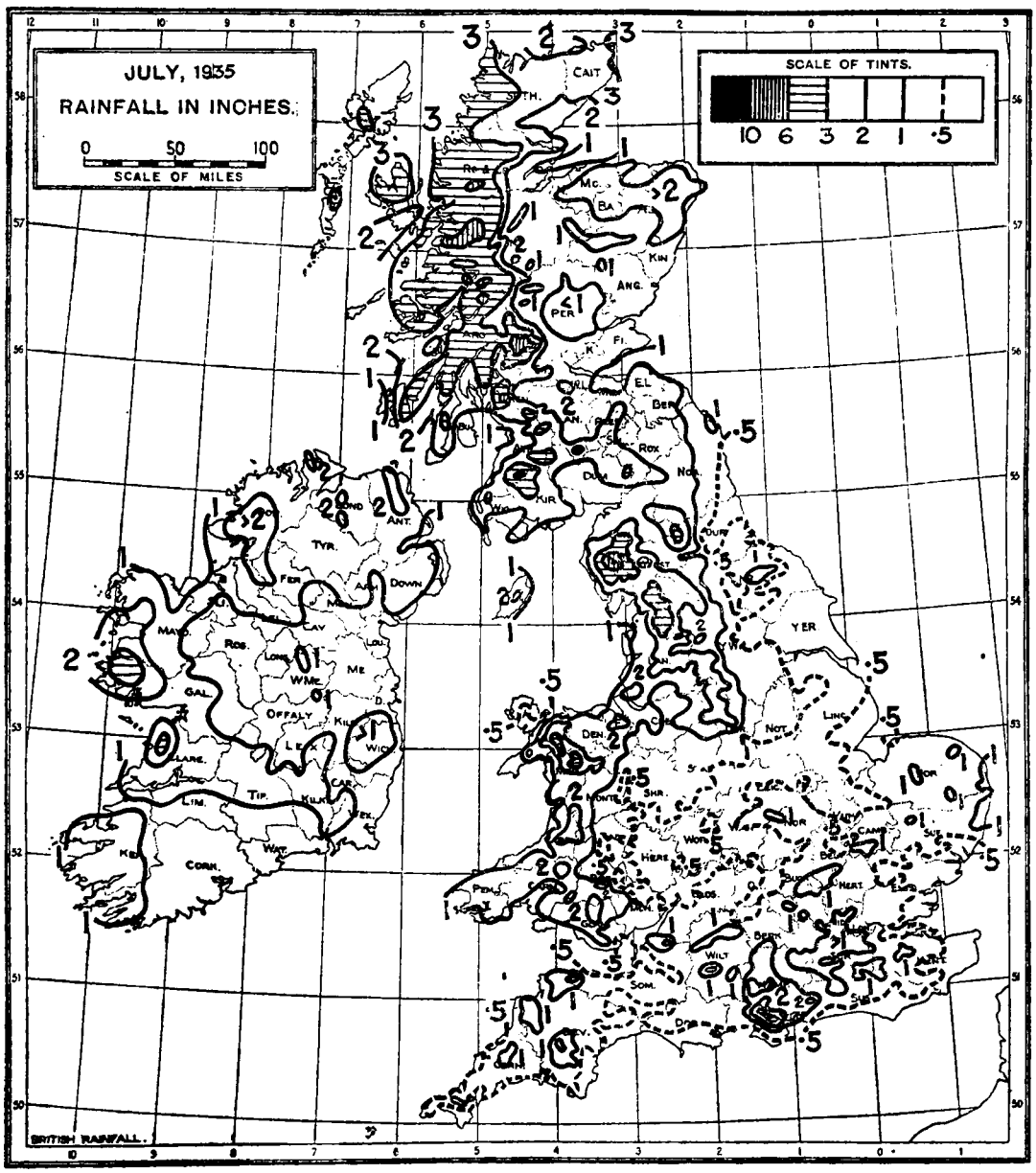
English Lake District, Snowdonia, and in the mountainous regions of South Wales, Connemara and Co. Kerry. As much as 18 inches was recorded on Snowdon. Owing mainly to the thunderstorm rains of the 23rd and 25th the percentage map is complicated. There was less than the average only in parts of Durham, Lincolnshire, Worcestershire



Rainfall, June, 1935, as per cent. of average.

and the west, extreme north and north-east of Scotland. There was more than twice the average in the south of England, North Wales, central Scotland and the south-western half of Ireland. The total exceeded three times the average in Perthshire and Co. Tipperary.

July.—One of the most striking features of the weather of the month was the marked excess of bright sunshine in most districts, especially in eastern and midland districts of England and southern Scotland. On the south-east and east coasts of England from Eastbourne to Lowestoft, nearly every station registered a daily average

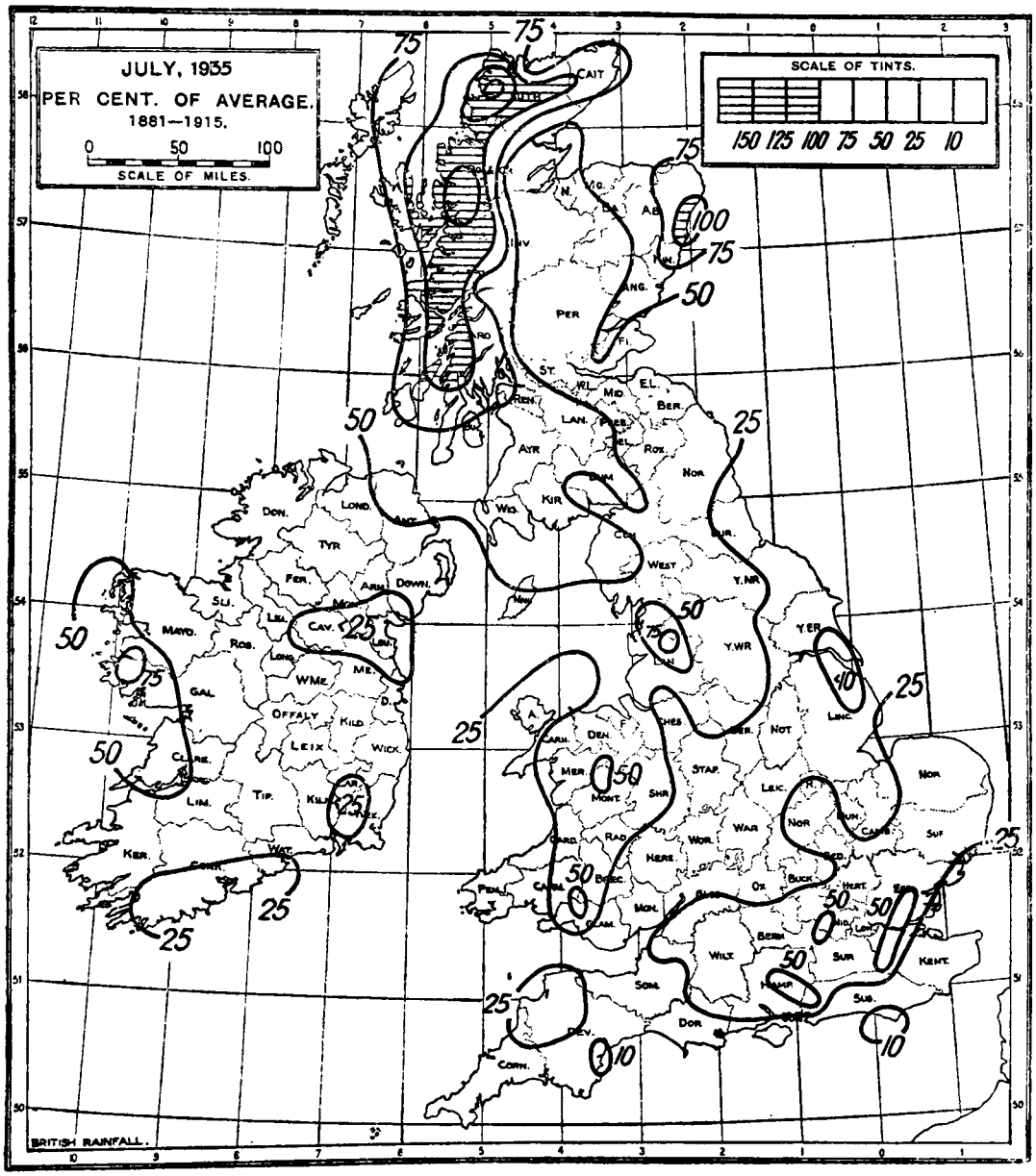


Rainfall, July, 1935.

of more than 10 hours. The mean pressure everywhere exceeded the average, the excess at 7 h. varied from 5·8 mb. at Valentia to 1·4 mb. at Lerwick. For the first five days depressions moving north-east off our northern seaboard gave rain at times in the north and west. Subsequently conditions were mainly anticyclonic until the 16th.

From the 17th to the 21st disturbances moving eastward from the Atlantic gave rather cool unsettled conditions with local thunderstorms. From the 23rd until the end of the month anticyclonic conditions prevailed in the south and after the 28th extended to the north.

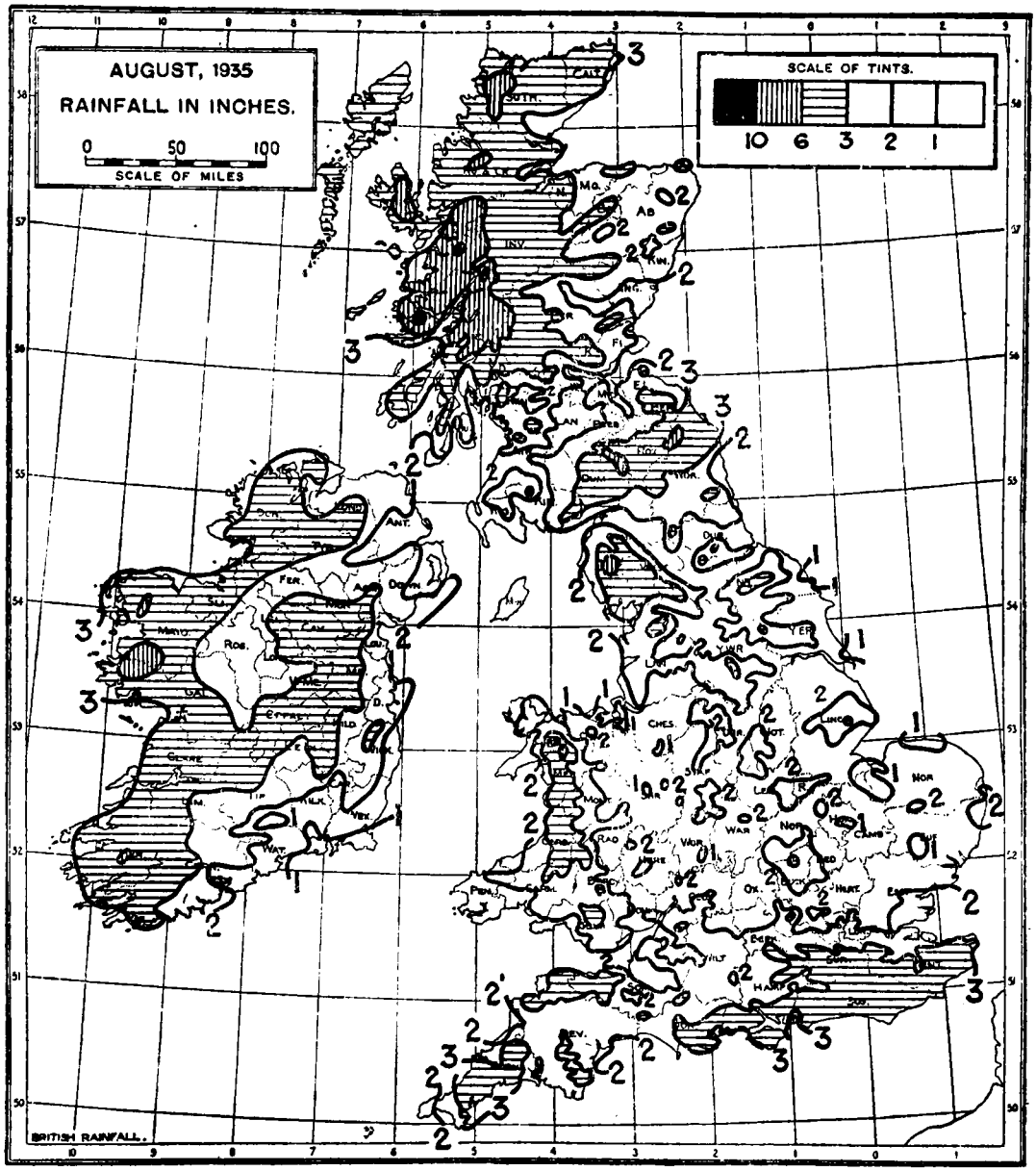
Totals of less than half an inch were recorded at stations along the



Rainfall, July, 1935, as per cent. of average.

south and east coasts and in the Midlands, with only a tenth of an inch at a few isolated stations. Falls of 10 per cent. occurred in the neighbourhood of Eastbourne, Torquay and Hull, while there was more than the average in the north of Scotland, with 297 per cent. at Baltasound in the Shetland Islands.

August.—The mean temperature exceeded the average everywhere and the rainfall was below the average in most districts. Mean pressure exceeded the average everywhere, the excess at 7 h. varying from ·9 mb. at Stornoway and Kew to 2·6 mb. at Valentia. During the first six days a large anticyclone off our west and south-west coasts



Rainfall, August, 1935.

dominated the weather but on the 7th a low pressure system gave rain in the west and north and there were subsequently local thunderstorms in the Midlands and eastern England. On the 13th the Azores anticyclone again became dominant with mainly fair weather generally. Later a very warm spell ensued, which was broken in southern England

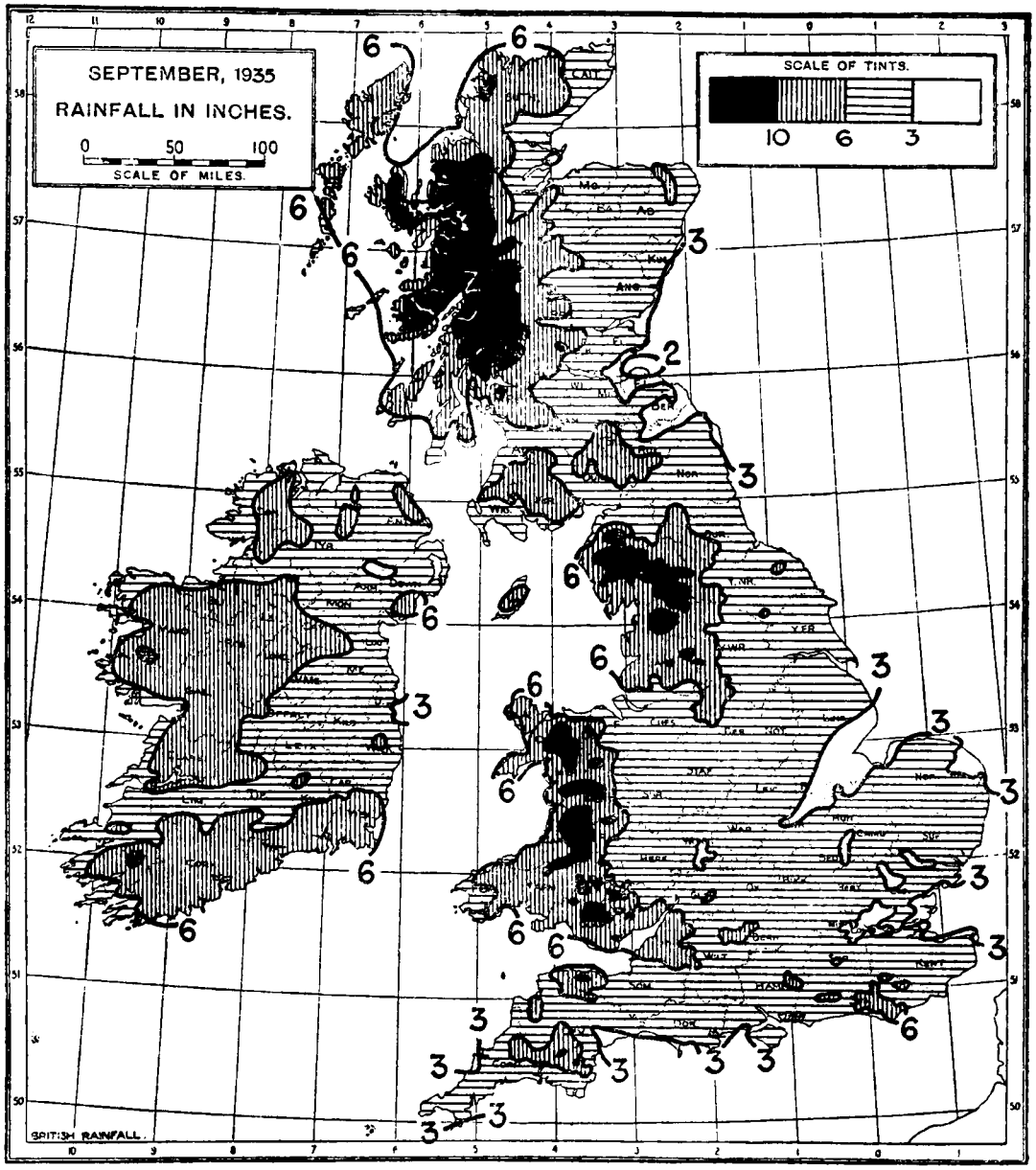
by heavy rains on the 23rd and 24th. Subsequently a complex area of low pressure was associated with cool unsettled weather.

The total rainfall varied from less than 1 inch in the neighbourhood of the Wash to more than 10 inches locally in the English Lake District and the Western Highlands of Scotland. Less than half the average

Rainfall, August, 1935, as per cent. of average.

was recorded over large areas over Wales, north Midlands, Pennines, the south and east of Scotland from Dundee to Wigtown, as well as in the extreme north-east and south-east of Ireland. As much as 188 per cent. was recorded at Ventnor.

September.—The main feature of the weather of the month was the unusually frequent rainfall, the totals everywhere exceeding the average, although the falls for individual days were not remarkable (see Section 7). The mean pressure was everywhere below the average, the deficiency at 7 h. varying from 4·8 mb. at Portland Bill to 10·2 mb. at Wick. For the first five days a depression moving north-east

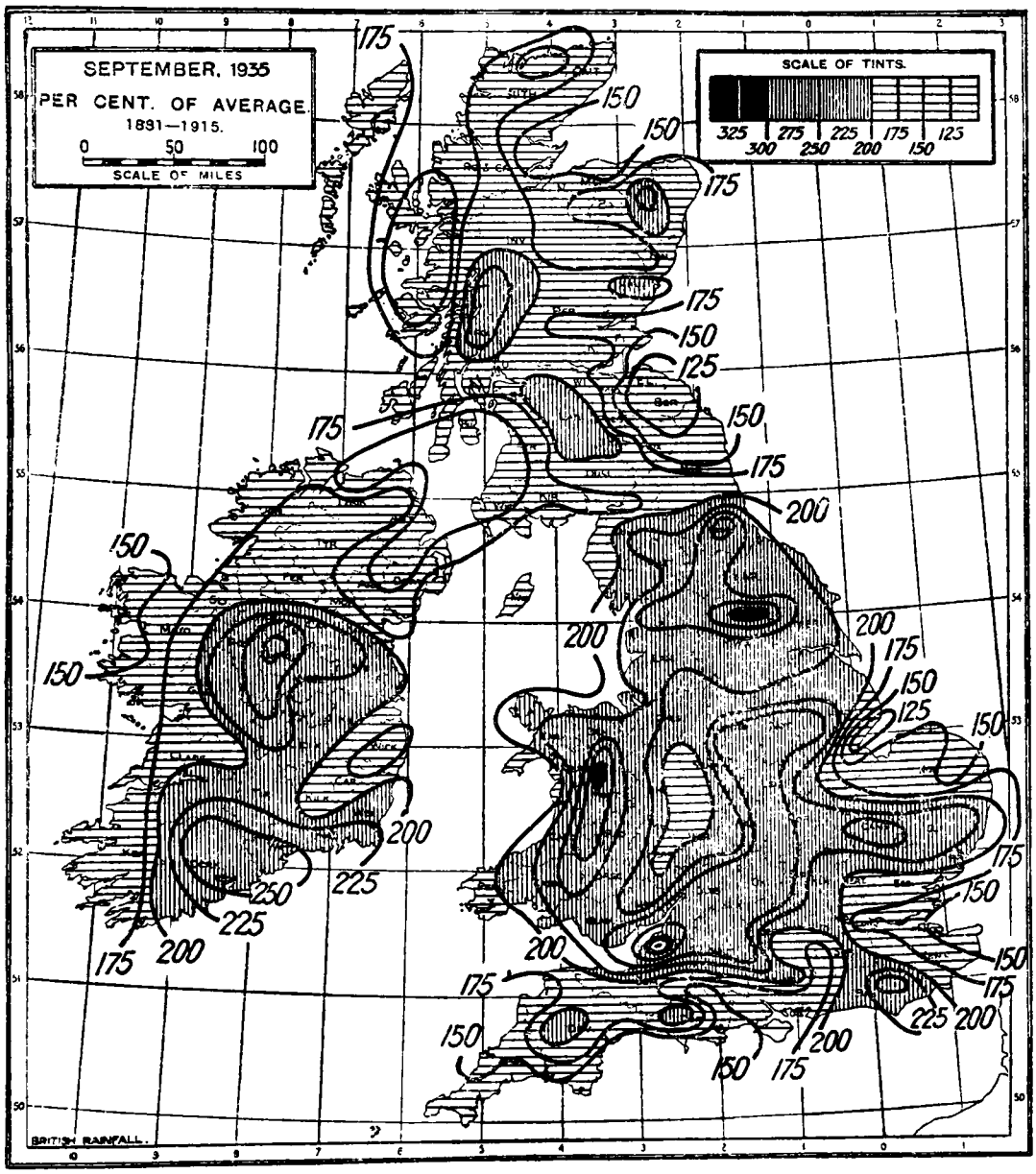


Rainfall, September, 1935.

across the British Isles caused unsettled conditions. From the 6th to 10th mainly fair weather was experienced. Subsequently a succession of Atlantic depressions caused unsettled weather with heavy rains. The depressions which crossed the country on the 16th to 17th and on the 19th were deep and associated with unusually severe and

destructive gales for the time of year. The thunderstorm on the 22nd was remarkable for the abnormal fall of hail at Northampton (see Part IV).

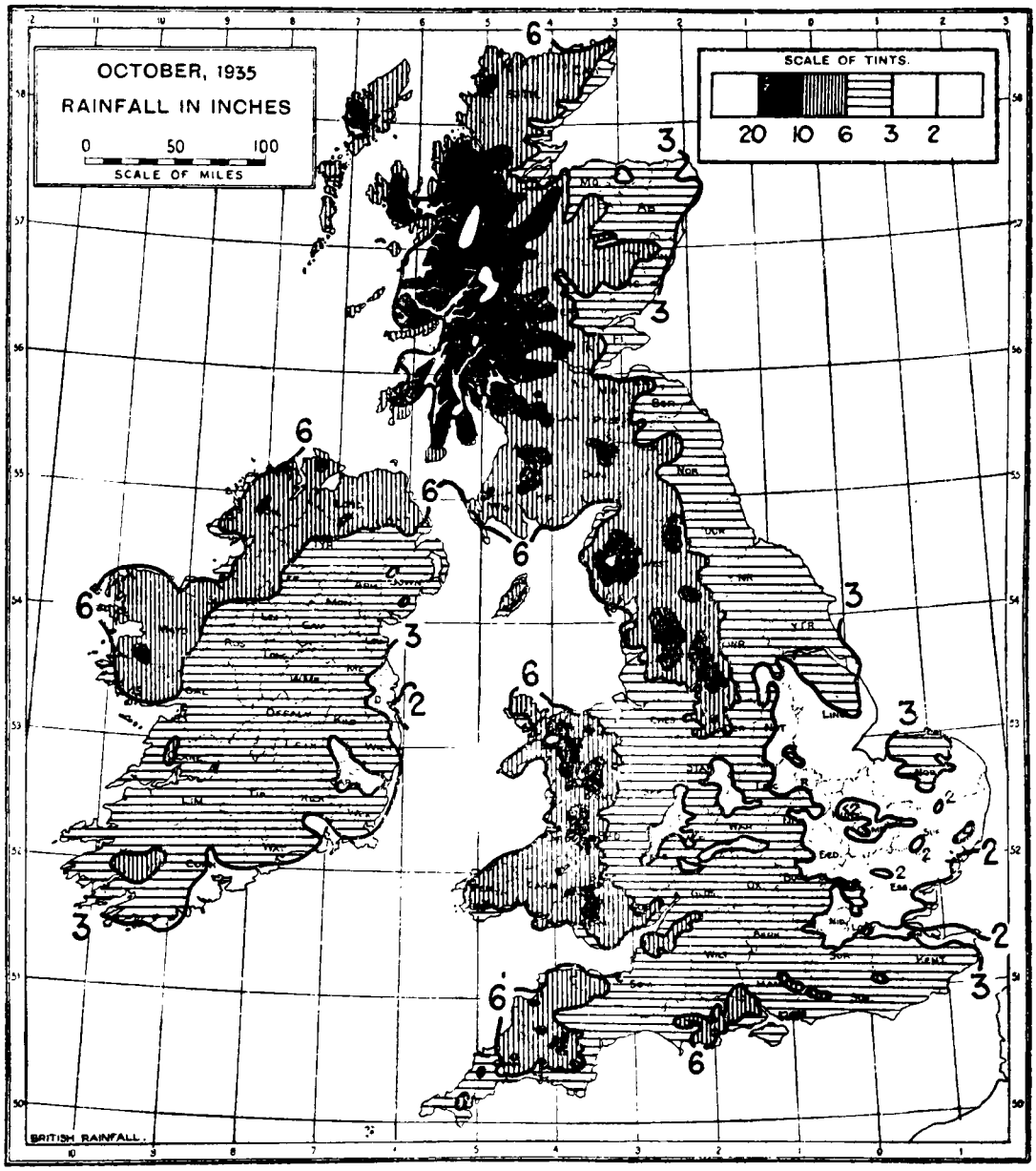
The rainfall practically everywhere exceeded 2 inches. More than 10 inches was recorded on Dartmoor, Exmoor, over large areas in Wales, Lancashire, the English Lake District, the west of Scotland



Rainfall, September, 1935, as per cent. of average.

and locally in Connemara and Co. Kerry. The percentage map shows that more than twice the average was recorded over most of England and Wales, the west and south-west of Scotland and central and southern Ireland. There was more than three times the average at Bath, York and Lake Vyrnwy.

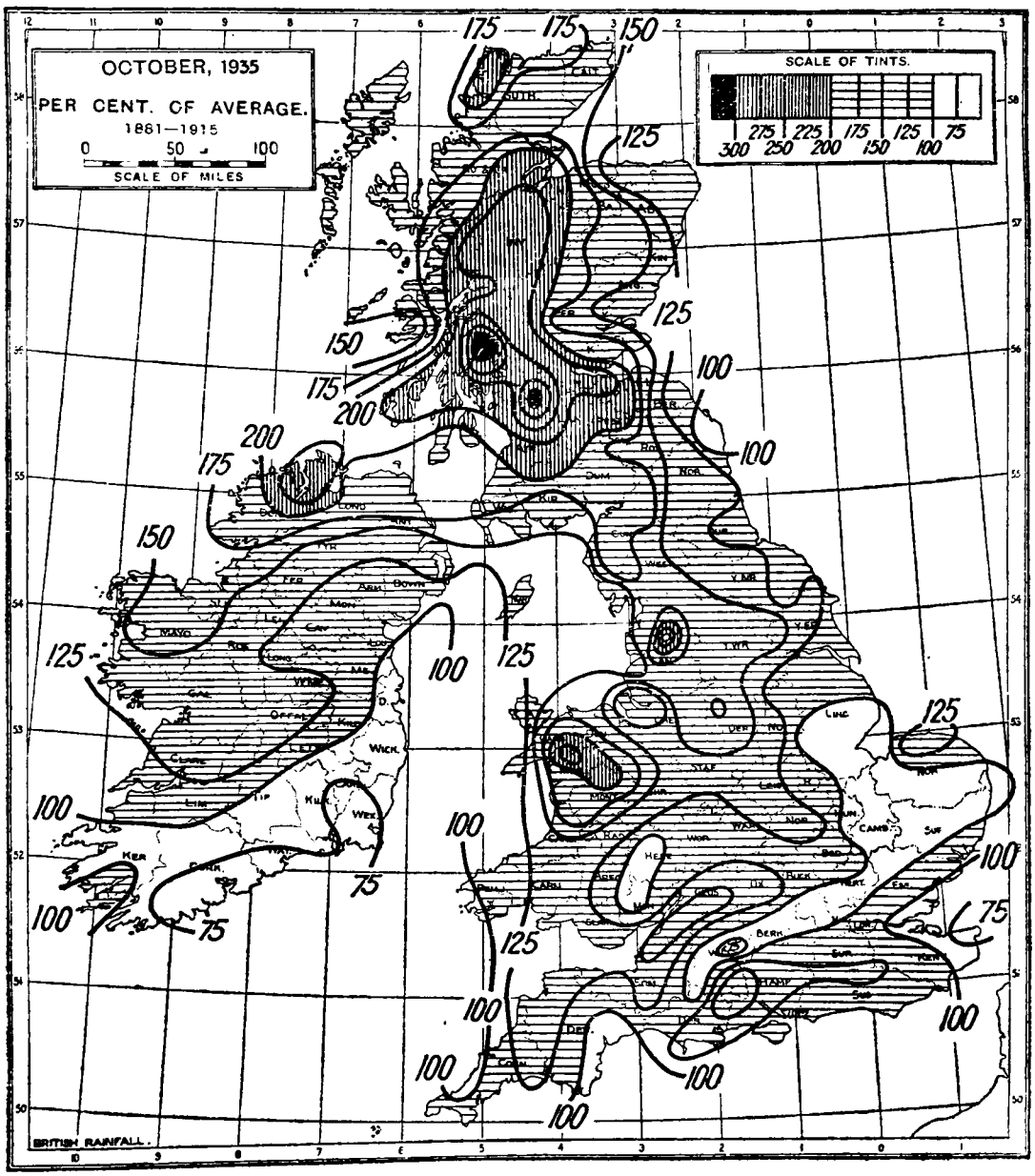
October.—In most parts of the country the total rainfall exceeded the average and the month was generally dull with frequent gales. Atlantic depressions and their secondaries caused unsettled weather practically throughout the month. The gale of the 18th to 20th was widespread and unusually severe, especially in the northern half of



Rainfall, October, 1935.

the country. Shipping suffered severely, and the Glasgow steamer "Vardulia" was lost with her crew of 37. The mean pressure was below the average in most districts, the deviation from the average at 7 h. varying from +0·4 mb. at Scilly to −11·5 mb. at Lerwick. The mean pressure gradient was thus markedly increased.

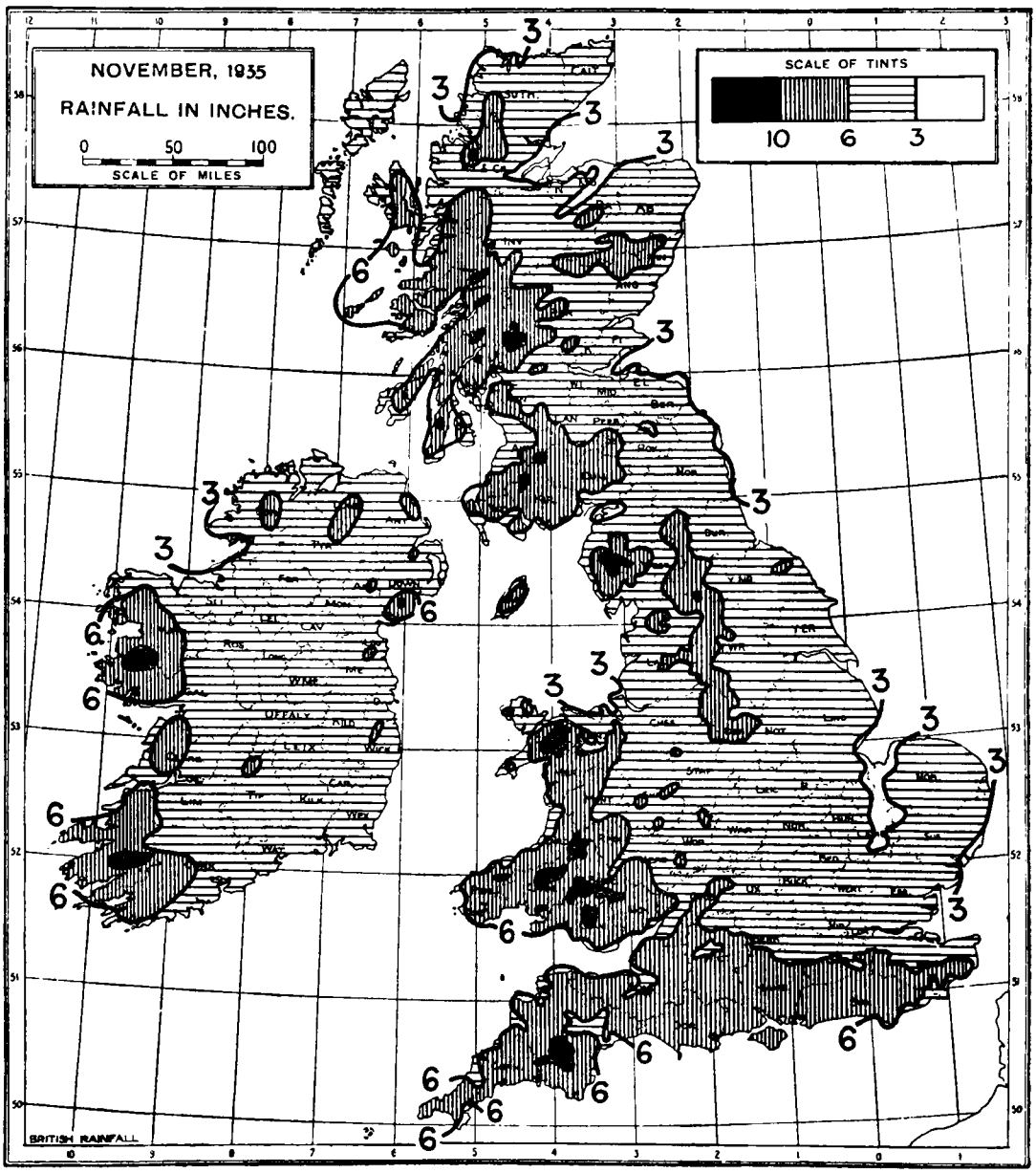
The total rainfall varied from less than 2 inches in the Thames Estuary and in the neighbourhood of Cambridge and of Dublin to over 20 inches in the English Lake District, Snowdonia and the Western Highlands of Scotland. The percentage map shows that falls of less than the average were confined to parts of the extreme south-



Rainfall, October, 1935, as per cent. of average.

east and south-west of England and Wales, the neighbourhood of Berwick-on-Tweed and much of the south and south-east of Ireland. The totals were most remarkable in the Western Highlands where more than twice the average occurred over a large area and three times the average at Glasgow and Iveraray Castle.

November.—Frequent rains, a feature of the weather of October, continued during November but while in October the totals were more remarkable in Scotland, in November they were most striking over England. Flooding was reported over wide areas in England on the 17th, due to the persistent rains of the 7th to 17th, culminating in the

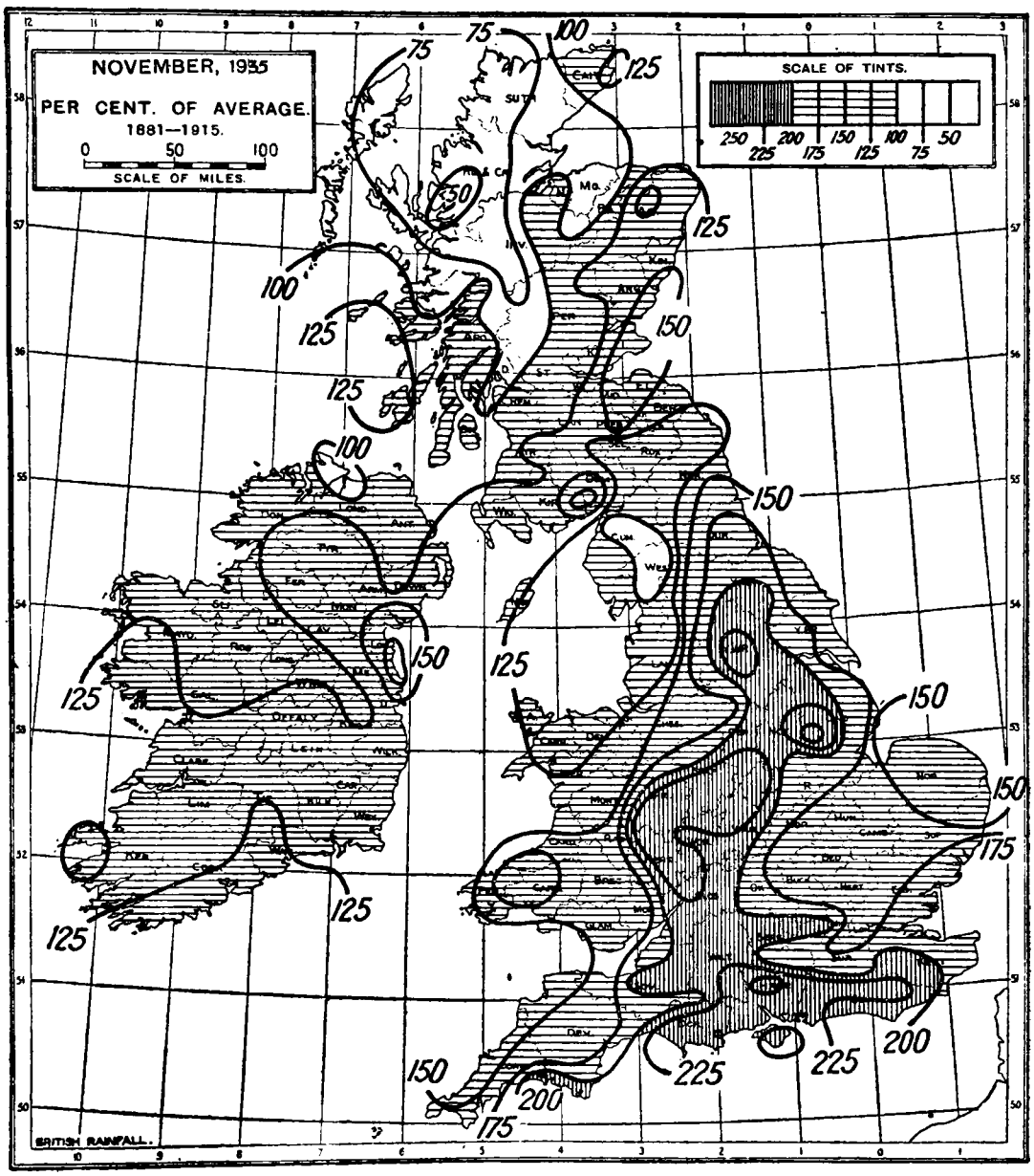


Rainfall, November, 1935.

heavy rain of the 16th to 17th. The mean pressure was below the average everywhere, the deficiency at 7 h. varying from 4·9 mb. at Lerwick to 11·2 mb. at Valentia Observatory.

The totals for the month exceeded 2·5 inches everywhere, except in the neighbourhood of the Moray Firth. There was more than 10

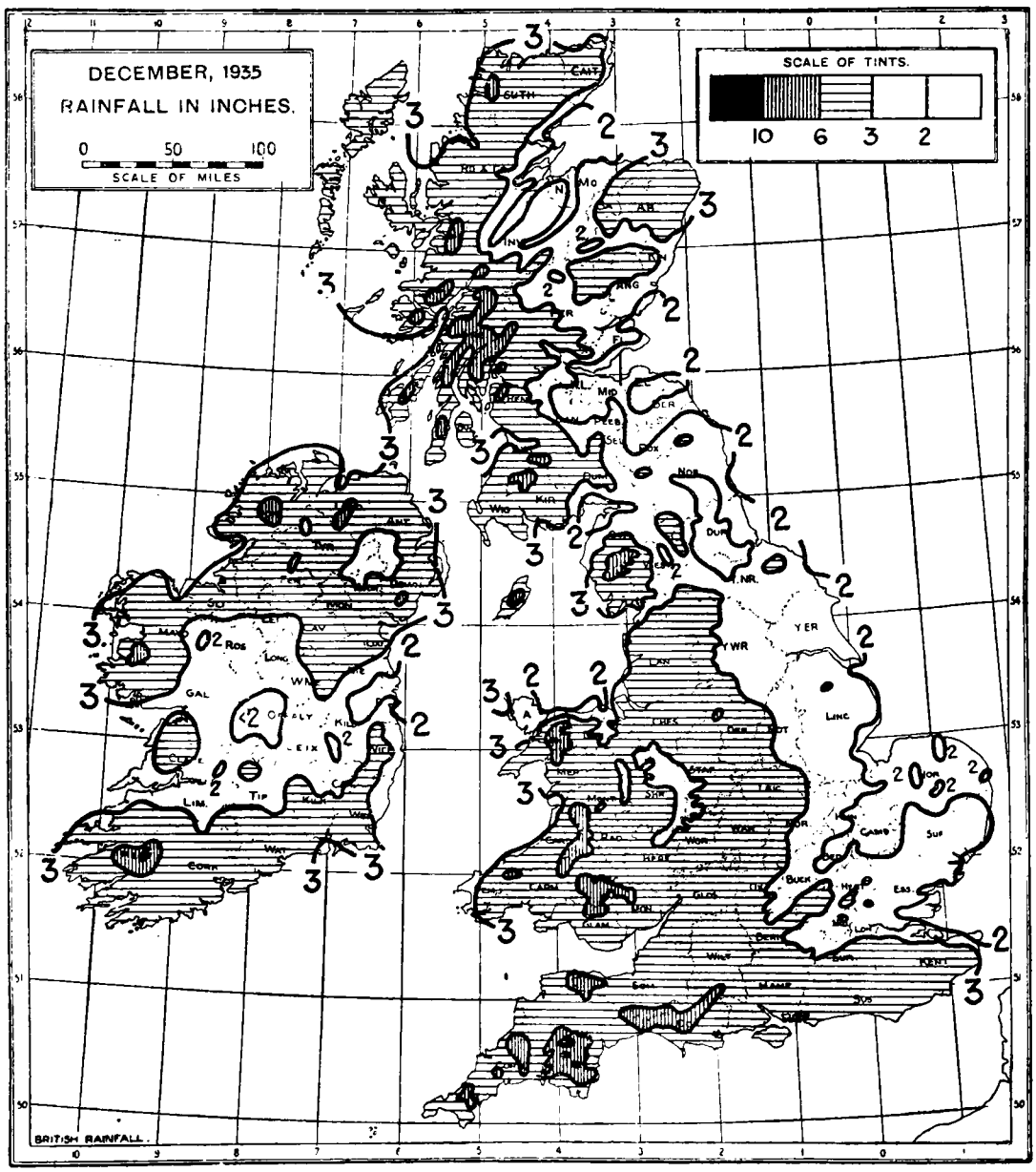
inches over Dartmoor, large areas in Wales, the English Lake District, the Southern Uplands and West Highlands of Scotland, Connemara, Co. Kerry and Co. Down and this amount was recorded at an isolated station in the Pennines. The percentage map shows that the largest area with less than the average was in the north-western half of



Rainfall, November, 1935, as per cent. of average.

Scotland, less than half the average being recorded in Ross-shire. There was more than twice the average over a large area stretching from the Isle of Wight to York, with 250 per cent. in parts of Hampshire and Lincolnshire.

December.—The month was noteworthy for a very cold spell from the 17th to 24th, much fog from the 6th to 8th and 17th to 24th and widespread flooding in England during the last week following persistent rains. Most parts of the country, except the south-east, recorded totals of bright sunshine in excess of the average. Thus at

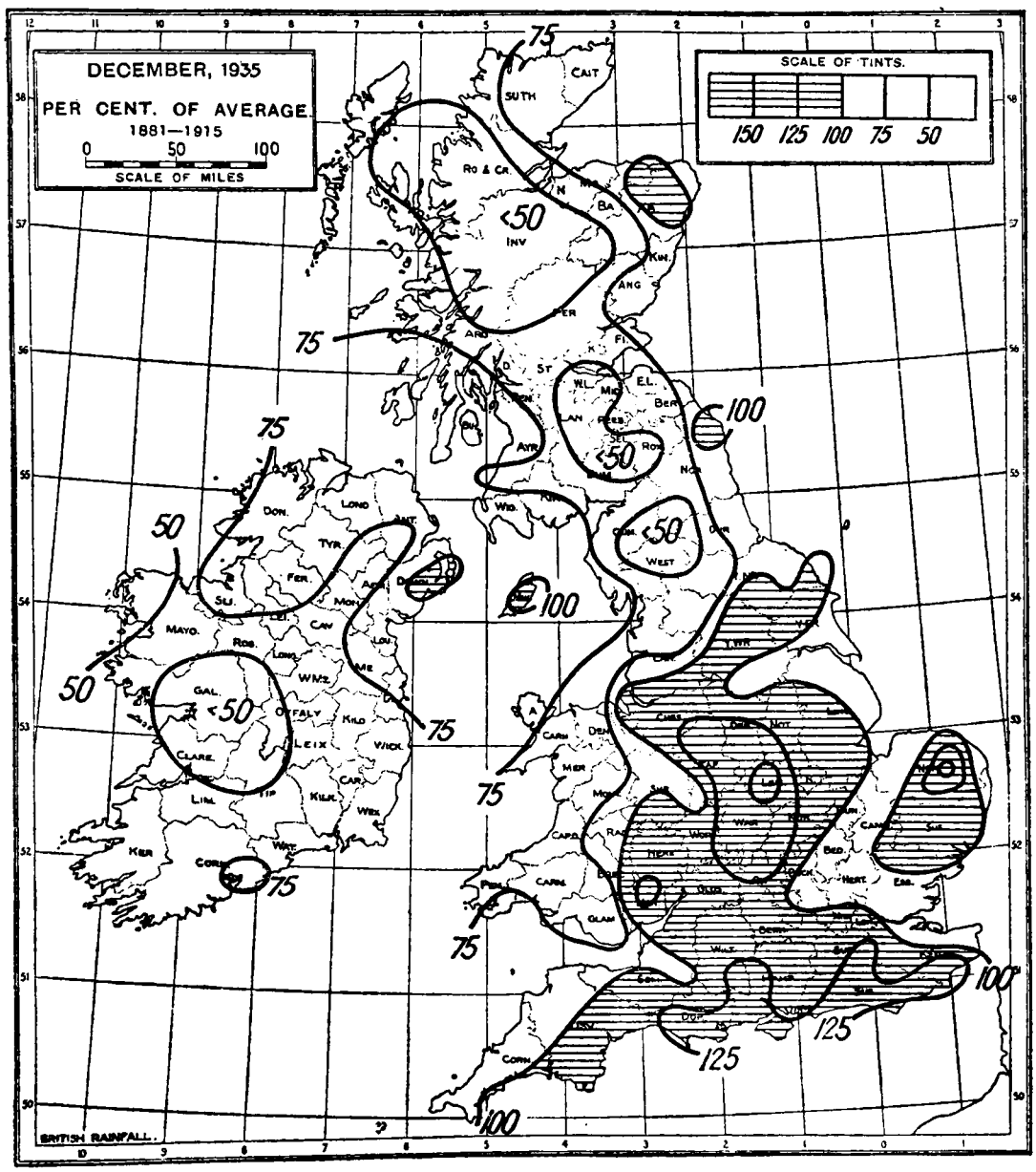


Rainfall, December, 1935.

Stornoway the total of 54 hours was the largest recorded in December since before 1881. The mean pressure was below the average in all districts, the deficiency at 7 h. varying from 3·6 mb. at Lerwick to 10·1 mb. at Kew Observatory.

Totals of less than 2 inches were recorded over large areas in the

south-east of England, near Durham, Carlisle, Edinburgh, the Caledonian Canal, Dublin and in Central Ireland. On the other hand more than 10 inches fell locally on Dartmoor and in Co. Kerry. The percentage map shows that less than 50 per cent. occurred over most of a wide belt from Ross-shire to Westmorland, as well as in parts of



Rainfall, December, 1935, as per cent. of average.

Central Ireland and Co. Mayo. Falls exceeding the average were confined almost entirely to England, as much as 150 per cent. being recorded in parts of Norfolk and Leicestershire. A feature of the weather of the month was the entire absence of heavy falls on rainfall days qualifying for inclusion in Section 7.

Table XX.—*Monthly Rainfall at 400 Stations in the British Isles during* 1935.

ENGLAND

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
London	2	St. Pancras (Camden Square)	1·09	2·20	·37	3·09	1·07	2·81	·90	1·82	3·02	2·72	3·83	2·63	25·55
Surrey	6	Haslemere (U.D.C. Depôt)	·94	5·16	·67	4·29	1·57	4·14	·95	3·12	5·43	5·53	8·19	5·24	45·23
,,	6	Woking (The Green)	·96	2·56	·35	3·59	1·42	2·61	1·49	3·57	3·37	3·48	5·83	2·46	31·69
Kent	1	Tenterden (Ashenden)	1·40	5·51	·28	3·69	1·65	2·08	·34	3·70	3·83	4·14	6·44	3·98	37·04
,,	1	Folkestone (Cherry Gdns.)	2·04	3·52	·24	3·68	1·78	3·11	·36	4·57	3·84	3·55	6·13	3·41	36·23
,,	2	Margate (Cliftonville)	1·67	2·00	·04	2·35	1·20	2·11	·26	2·25	2·57	1·95	4·37	1·79	22·56
,,	3	Teynham (New Gardens)	1·29	3·36	·26	2·24	2·11	1·80	·59	2·78	2·45	2·48	4·43	2·85	26·64
,,	4	Strood Waterworks	1·23	2·94	·45	2·98	1·41	1·93	·41	2·33	3·42	2·80	4·53	2·45	26·88
,,	5	Westerham (Town)	1·10	3·98	·35	3·35	1·95	2·61	·73	3·83	4·00	4·18	6·23	3·94	36·25
Sussex	1	Bognor Regis (Waterloo Square)	·85	3·88	·91	3·51	2·79	2·52	·41	3·34	4·18	4·65	6·96	4·16	38·16
,,	3	Worthing (Beach House Park)	·74	3·85	·53	3·37	2·28	2·27	·47	3·45	4·56	4·08	7·31	4·83	37·74
,,	4	Balcombe (The Gables)	1·47	5·05	·68	4·19	1·94	3·89	·87	4·61	5·47	5·61	6·85	5·94	46·57
,,	5	Eastbourne (Wilmington Sq.)	·88	4·11	·67	3·80	1·24	1·88	·19	4·31	5·93	4·69	7·06	3·73	38·49
,,	5	St. Leonards (Gensing Gdns.)	1·32	4·17	·62	3·42	1·47	2·35	·42	5·05	4·91	4·24	5·85	3·42	37·24
,,	7	Crowborough (Beaconstone)	·98	6·30	·82	4·15	1·78	3·24	1·15	5·45	6·88	4·97	9·56	5·03	50·31
Hampshire	1	Totland Bay (Aston House)	1·50	2·90	·95	3·17	·95	2·87	·44	3·07	3·75	3·31	6·85	3·33	33·09
,,	4	Stockbridge (Houghton Lodge)	·54	3·90	·69	3·92	1·16	4·71	1·27	2·35	4·60	5·95	6·98	4·22	40·29
,,	5	Bishops Waltham (Park Ho.)	·79	3·59	·82	3·63	1·23	3·80	1·92	2·79	3·96	5·15	7·76	3·75	39·19
,,	8	Sherborne St. John	·51	3·59	·58	3·67	·79	4·84	·54	3·03	3·76	4·08	5·24	3·38	34·01
Berkshire	4	Bucklebury Place	·52	2·32	·57	2·84	·90	4·08	·54	2·36	4·41	3·53	4·30	2·83	29·20
,,	5	Upton (Manor House)	·52	2·25	·39	3·06	·89	4·96	·64	1·71	3·98	3·86	4·39	2·76	29·41
Hertfordshire	2	St. Albans (County Museum)	·99	2·42	·54	3·72	1·82	3·24	·57	1·62	4·52	2·12	5·23	2·79	29·58
,,	3	Royston (Therfield Rectory)	1·75	2·04	·58	2·96	1·32	2·61	·95	1·09	3·92	2·79	4·02	2·24	26·27
Buckinghamshire	3	Slough (Upton)	·81	2·25	·54	2·94	1·20	3·90	1·33	1·86	3·61	2·59	4·55	2·65	28·23
,,	3	Hampden House	·89	2·81	·49	4·24	·82	3·77	·64	1·69	4·84	3·78	3·97	4·32	32·26
,,	5	Wolverton (Gables Lodge)	·85	2·34	·35	3·48	1·45	2·68	·47	3·11	3·98	3·10	3·79	2·50	28·10
Oxfordshire	2	Wootton Rectory	·59	2·03	·51	3·92	1·61	4·29	·73	1·88	4·59	3·89	4·79	3·39	32·22
Northamptonshire	1	Naseby Reservoir	·90	1·98	·59	3·48	·84	3·06	·66	1·65	4·00	3·68	4·50	3·00	28·34
,,	4	Wellingborough (Swanspool)	1·00	2·32	·46	3·18	·95	3·02	·80	2·08	4·19	3·30	3·62	2·87	27·79
Huntingdonshire	1	St. Ives (Slepe House)	1·61	1·57	·50	2·99	·86	2·04	·46	·91	3·80	1·94	3·75	1·95	22·38
Bedfordshire	3	Shefford Council School	1·31	2·36	·29	2·81	1·66	2·43	·33	1·64	3·85	2·81	4·56	1·92	25·97
Cambridgeshire	2	Littleport (Highfield House)	1·92	1·52	·36	2·46	·98	2·77	·35	1·00	3·43	2·03	2·94	1·70	21·46

Table XX.—(*con.*) *Monthly Rainfall*—**ENGLAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Cambridgeshire	3	Parson Drove (Clows Cross)	1·96	1·31	·41	2·38	·60	3·87	·65	·79	2·45	2·43	3·44	1·96	22·25
Essex	2	Leigh (Brick House)	1·12	2·03	·52	2·28	1·34	2·21	·31	2·24	2·54	1·97	3·66	1·72	21·94
,,	2	North Weald (Canes)	1·44	2·38	·42	3·21	1·44	3·53	·55	1·34	3·35	2·78	3·92	2·76	27·12
,,	3	Bradwell-on-Sea (Bradwell Hall)	2·30	2·61	·30	2·53	1·24	2·12	·87	2·34	3·04	1·91	3·89	2·15	25·30
,,	4	Gt. Bardfield (South Lodge)	2·07	2·36	·35	2·87	1·56	2·32	·63	1·32	3·24	2·47	3·69	2·73	25·61
Suffolk	1	Hartest (Chadacre Institute)	2·11	2·43	·72	2·55	2·25	3·34	·50	·83	3·66	1·93	3·74	2·39	26·45
,,	2	Copdock	2·48	2·85	·82	2·04	1·85	2·81	·39	1·15	3·31	3·26	4·43	2·65	28·04
,,	3	Orford (The Gables)	2·01	2·37	·73	1·93	2·44	2·70	·38	1·69	3·93	2·62	2·67	2·05	25·52
,,	3	Halesworth Rectory	2·27	2·64	1·05	2·59	1·38	2·69	·81	2·03	3·47	2·78	4·04	2·41	28·16
,,	4	Yarmouth (Burgh Hall)	3·15	2·26	·74	2·53	1·59	2·81	1·20	1·83	3·59	2·86	3·94	2·27	28·77
,,	5	Bury St. Edmunds (Westley Ho.)	2·61	2·64	·79	2·48	1·28	3·09	·84	1·14	4·54	2·41	3·81	2·43	28·06
Norfolk	1	Diss (The Cedars)	2·48	2·05	·58	2·37	1·24	2·56	·68	1·27	3·27	1·92	3·29	1·73	23·44
,,	1	Wymondham	2·66	2·70	·71	2·63	1·28	3·16	·93	1·16	3·77	2·81	3·65	2·08	27·54
,,	1	Cawston (The Poplars)	3·03	2·16	·44	2·96	1·12	2·35	·68	1·35	3·61	2·95	3·85	1·99	26·49
,,	3	Sandringham House Gardens	2·63	2·07	·48	3·55	·48	4·07	·31	1·29	3·21	3·16	3·67	1·84	26·76
,,	3	Langham Episcopi Vic.	2·23	2·12	·44	2·80	·48	2·67	·71	1·19	3·89	3·87	3·27	2·14	25·81
,,	4	Thetford Waterworks	2·06	2·11	·51	1·99	·93	2·65	·55	3·34	3·91	1·98	3·39	2·03	25·45
,,	4	Little Dunham (Dunham Cot.)	2·23	2·67	·59	3·82	·93	3·13	1·36	1·06	4·33	3·08	3·91	2·23	29·34
Wiltshire	1	Bradford (Manvers House)	·92	2·24	1·06	5·32	1·80	5·49	·88	2·09	6·09	5·09	6·46	3·93	41·37
,,	2	Mere (Charnage)	·82	3·35	·87	3·98	·82	3·82	·69	2·81	3·46	4·38	6·10	3·93	35·03
,,	3	Larkhill (School of Artillery)	·79	2·74	·77	3·67	1·16	3·20	·94	2·59	3·90	4·41	6·22	4·24	34·63
,,	5	Marlborough College	·75	3·72	·95	5·50	·93	4·79	1·19	2·41	6·59	5·51	6·33	4·47	43·14
Dorsetshire	3	Weymouth (Springfield)	·70	3·12	1·03	3·06	2·03	3·50	·35	2·70	2·99	4·65	7·08	4·33	35·54
,,	3	Beaminster (Farrs)	·93	4·12	1·55	4·93	1·67	4·71	·67	2·82	5·21	5·00	8·37	6·79	46·77
,,	4	Winterbourne (Whitchurch Vic.)	·86	4·18	1·37	4·66	1·11	4·26	·81	2·89	4·02	6·27	9·05	6·47	45·95
,,	4	Wimborne (Codford House)	·72	3·31	1·00	3·29	1·00	3·92	·85	3·45	2·66	5·65	7·87	5·62	39·34
South Devonshire	3	South Brent (Beechfield)	1·37	7·45	1·65	8·83	2·62	7·46	·84	3·19	8·95	7·87	11·20	8·39	69·82
,, ,,	5	Teignmouth (Den Gardens)	·50	4·04	1·37	3·66	2·92	3·95	·10	2·78	2·61	3·58	5·79	4·82	36·12
,, ,,	6	Crediton (Okefield)	1·13	3·31	1·54	4·01	1·99	2·15	·48	2·39	3·55	5·33	5·12	4·90	35·90
,, ,,	7	Ottery St. Mary (West Hill)	·70	4·35	1·32	4·23	2·11	4·16	·41	2·33	3·57	3·99	6·49	5·71	39·37
North Devonshire	1	Ilfracombe (Langleigh)	1·19	4·05	1·26	5·46	1·84	3·38	·84	2·76	5·49	6·03	5·98	3·78	42·06
,, ,,	3	Okehampton (Uplands)	1·43	7·37	2·11	7·91	3·11	5·28	·87	2·58	7·16	7·64	8·67	7·01	61·14

Table XX.—(*con.*) *Monthly Rainfall*—**ENGLAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
North Devonshire	3	Torrington (Enfield)	1·16	3·44	1·15	4·57	1·66	3·25	·50	2·26	5·44	7·20	5·14	4·14	39·91
Cornwall	1	Redruth (Trewirgie)	1·60	4·09	·96	5·21	2·17	3·33	·70	3·62	4·66	5·57	6·98	6·16	45·05
,,	1	Newquay (Mount Wise)	1·26	3·55	·87	3·57	1·79	2·28	·37	4·05	2·85	5·74	5·51	4·31	36·15
,,	1	Bude (School House)	1·32	4·59	1·19	4·29	1·73	2·40	·98	1·65	3·63	6·05	5·15	3·22	36·20
,,	2	Penzance (Morrab Gardens)	1·89	4·52	1·18	4·45	1·65	3·09	·39	2·30	3·51	5·40	7·17	5·40	40·95
,,	2	St. Austell (Trevarna)	1·71	5·27	1·57	6·39	2·19	3·79	·59	4·76	4·41	5·79	7·96	5·97	50·40
,,	2	Liskeard (Treventon)	1·48	5·56	1·37	6·10	2·13	3·94	·63	2·87	5·52	7·74	7·49	6·34	51·17
,,	2	Bolventor Vicarage	2·15	8·17	2·03	6·84	2·46	5·93	1·57	3·59	7·95	9·66	8·50	7·39	66·24
,,	3	Devonport (Empacombe)	·73	3·68	1·18	6·06	1·90	3·93	·59	3·60	4·37	5·67	8·33	6·03	46·07
,,	4	Tresco Abbey	1·05	2·52	1·08	3·95	·79	2·53	·34	2·15	2·80	4·64	5·67	4·05	31·57
Somersetshire	1	Long Ashton (Research Stn.)	1·07	3·24	·68	4·85	1·11	4·20	2·04	1·97	7·88	6·34	6·19	4·41	43·98
,,	2	Street (Portway)	·69	2·54	1·01	4·32	1·14	3·95	·80	1·75	3·73	4·53	6·00	4·10	34·56
,,	2	Burnham (Chalbury)	·71	2·59	·99	4·23	2·27	2·20	·40	1·63	3·94	4·51	5·83	3·48	32·78
,,	3	Taunton (The Park)	·80	2·88	1·27	4·25	1·29	2·97	·85	1·50	3·55	4·06	5·85	4·27	33·54
,,	5	Brushford Rectory	1·28	5·28	1·81	5·53	2·14	3·01	·62	2·51	5·45	5·97	7·28	5·75	46·63
Gloucestershire	3	Nailsworth (Three Corners)	·69	3·28	·66	5·79	1·31	3·35	·65	2·01	5·39	4·86	6·01	4·34	38·34
,,	3	Cheltenham (Montpellier Gdns.)	·89	2·25	·48	4·52	1·12	3·05	·40	1·26	3·72	4·84	5·48	4·08	32·09
,,	4	Blockley	·79	2·93	·39	4·46	2·60	3·33	·60	1·38	5·26	3·36	5·65	3·80	34·55
,,	7	Lechlade (Claydon House)	·52	2·13	·42	3·63	1·41	3·80	·74	1·69	4·43	4·83	5·15	3·05	31·80
Herefordshire	1	Ross-on-Wye	·67	1·91	·45	4·03	·90	3·17	·25	1·26	3·77	3·58	5·55	3·46	29·00
,,	1	Weobley (The Gables)	·83	2·60	·68	4·92	·88	3·19	·48	1·27	3·26	3·51	5·76	3·39	30·77
Shropshire	3	Bromfield (Warwick House)	·89	3·14	·94	5·11	·96	3·59	·41	1·14	4·95	3·46	5·57	3·76	33·92
,,	3	Bishops Castle (The Vicarage)	1·16	2·92	·78	4·59	·66	3·32	·52	1·15	4·36	3·76	4·71	3·61	31·54
,,	4	Shifnal (Hatton Grange)	·99	2·55	·87	3·17	·94	2·45	·56	1·19	3·62	2·90	5·46	2·27	26·97
Staffordshire	2	Kingswinford (Ashwood P.S.)	·96	2·18	·58	3·12	1·09	3·07	·55	1·77	3·80	3·22	5·31	2·60	28·25
,,	2	Market Drayton (Old Springs)	1·06	2·66	·57	3·16	·82	2·71	·48	1·46	3·88	4·40	4·78	2·86	28·84
,,	3	Lichfield (Hanch Reservoir)	1·03	2·32	·59	3·01	·76	3·93	·45	1·36	3·22	2·80	4·74	3·50	27·71
,,	3	Stafford (Victoria Pleasure Gd.)	1·19	2·84	·57	2·93	·84	3·87	·56	2·12	3·92	4·18	5·41	3·31	31·74
,,	5	Mayfield	1·41	3·42	1·05	3·24	·61	4·21	·85	1·70	4·82	5·52	5·33	4·86	37·02
Worcestershire	1	Malvern (Free Library)	·78	1·94	·79	4·44	·67	3·74	·37	1·90	4·23	3·34	6·00	3·85	32·05
,,	2	Bewdley (C.E. School)	1·37	2·52	·46	2·43	·76	2·64	·37	1·44	3·27	3·10	5·34	2·09	25·79
,,	3	Redditch (Hewell Gardens)	1·08	2·05	·67	3·73	·90	3·10	·76	1·69	3·92	3·78	5·50	3·84	31·02

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County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Warwickshire .. 1	Warwick Castle Gardens.....	·63	2·10	·46	3·36	1·61	3·86	·45	1·03	4·18	3·37	4·47	3·36	28·88
,, .. 1	Coventry (City Hospital)	·61	1·96	·46	3·62	1·39	3·49	·57	2·35	3·72	3·63	4·49	3·43	29·72
Leicestershire .. 4	Loughborough (Nan Pantan Res.)..	·97	2·33	·83	3·42	·44	2·70	·31	2·06	5·29	3·91	4·53	4·12	30·91
,, .. 4	Grantham (Belvoir Castle Gdns.)..	1·60	2·15	·78	2·38	·59	2·57	·20	1·39	4·23	3·08	4·27	2·82	26·06
Rutlandshire ... 1	Uppingham (Ridlington)	1·22	1·98	·70	3·55	1·00	2·96	·66	2·20	3·96	3·03	4·30	3·06	28·62
Lincolnshire.... 2	Market Deeping (Wilsthorpe).....	1·02	1·20	·54	2·72	·57	2·22	·44	2·68	1·97	2·11	3·19	2·26	20·92
,, ... 3	Boston (Black Sluice, Skirbeck)....	2·41	1·62	·37	2·09	·32	2·12	·40	1·44	2·14	2·57	3·84	2·50	21·82
,, ... 3	Cranwell (Aerodrome).....	2·21	1·89	·45	2·67	·41	1·76	·67	1·31	4·95	2·34	4·88	2·25	25·79
,, ... 3	Hackthorn Hall.....	1·87	2·30	·43	2·66	·39	2·54	·53	1·28	4·08	2·91	4·16	2·88	26·03
,, ... 4	Skegness (Marine Gardens).....	2·13	2·33	·37	2·28	·30	1·87	·69	1·96	2·17	2·60	3·15	2·22	22·07
,, ... 4	Louth (Westgate)	2·21	2·84	·51	2·77	·33	2·02	·24	2·45	4·31	3·96	4·92	2·50	29·06
,, ... 5	Brigg (Wrawby Road).....	2·02	2·32	·42	2·16	·31	2·64	·32	1·30	3·58	3·39	3·82	2·58	24·86
Nottingham.... 2	Newark.....	1·52	2·17	·44	2·33	·38	2·01	2·25	1·95	4·07	2·27	4·13	2·61	26·13
,, ... 5	Mansfield (West Bank).....	1·87	2·82	1·81	3·19	·37	2·80	·41	2·00	4·83	4·16	6·26	3·85	34·37
Derbyshire..... 5	Littleover (The Knoll).....	1·03	2·33	·77	3·04	·60	3·60	·56	2·42	3·83	3·65	4·67	3·27	29·77
,, ... 6	Matlock Bath (Lower Tower).....	1·56	3·44	1·00	3·20	·33	4·86	1·02	1·85	4·65	5·79	6·20	3·99	37·89
,, ... 6	Buxton (Terrace Slopes).....	3·84	7·53	2·02	4·16	·67	5·17	1·96	2·31	7·26	10·12	7·14	5·93	58·11
Cheshire..... 1	Altrincham (Burlington Cot.).....	1·79	2·72	·93	2·41	·81	3·65	1·03	1·23	5·00	4·77	4·53	3·23	32·10
,, ... 2	Northwich (Winnington)	1·60	2·49	·99	2·27	1·08	4·14	·67	1·37	4·66	4·39	4·23	3·46	31·35
,, ... 4	Eccleston	1·64	1·97	·74	2·27	1·61	3·24	1·25	1·43	5·11	4·38	4·12	3·81	31·57
,, ... 4	Neston (Vine House).....	1·42	2·33	·76	2·28	1·89	3·28	1·97	·78	5·07	3·11	3·08	3·25	29·22
South Lancashire 3	Bolton (Queen's Park).....	3·09	5·54	1·91	3·45	1·39	4·70	1·72	1·91	7·28	9·09	4·88	4·26	49·22
Central ,, .. 1	Burnley (Swinden)	2·30	6·62	1·70	3·14	1·36	4·45	1·83	1·79	7·58	9·49	5·17	3·26	48·69
,, ,, .. 3	Southport (Hesketh Park).....	1·74	3·15	·94	1·93	1·35	3·82	·75	2·24	6·45	4·87	3·71	3·16	34·11
North ,, .. 1	Ulverston (Poaka Beck).....	3·31	5·51	1·53	3·93	1·00	5·09	1·72	4·64	9·40	7·88	6·04	4·44	54·49
,, ,, .. 4	Lancaster (Greg Obsy.).....	1·76	5·36	1·46	2·81	1·50	4·13	2·32	2·82	9·01	6·66	4·25	2·48	44·56
,, ,, .. 5	Barton (Newsham House).....	1·96	5·05	1·14	2·82	1·32	4·32	1·65	2·20	7·58	7·17	4·38	3·35	42·94
Yorkshire, W.R. 2	Settle (Gas Works).....	1·89	8·08	1·39	4·00	1·23	3·73	1·53	1·86	8·77	9·31	4·97	3·55	50·31
,, ,, .. 7	Sheffield (Weston Park).....	1·50	4·00	1·54	2·49	·38	3·04	·67	2·00	4·11	5·07	5·81	3·72	34·33
,, ,, .. 7	Doncaster (Pumping Station)	1·30	2·39	1·21	1·81	·46	2·59	·91	1·97	4·58	3·19	4·47	2·83	27·71
,, ,, .. 8	Meltham (Harewood Lodge).....	2·60	7·36	2·32	4·05	·69	3·70	1·79	2·31	7·06	12·42	8·31	3·56	56·17
,, ,, .. 9	Leeds (Wortley Reservoir).....	1·21	3·12	1·01	2·78	·89	3·10	·47	1·61	5·58	5·33	4·67	2·57	32·34
,, ,, ..10	Ilkley (Spence's Garden).....	1·70	5·13	1·36	3·41	1·40	3·31	·98	1·80	5·82	7·32	6·19	3·81	42·23

Table XX.—(*con.*) *Monthly Rainfall*—**ENGLAND**—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in
Yorkshire, W.R. 10	York (Cherry Hill)	1·86	2·24	·72	1·66	·98	1·88	·28	2·42	5·00	4·52	3·75	2·61	27·92
,, ,, 10	Buckden	2·56	11·19	2·03	4·08	1·35	4·95	2·87	2·02	9·38	9·81	8·09	3·17	61·50
,, ,, 11	Harrogate (Harlow Moor Obsy.)	1·61	3·30	·85	2·12	1·16	3·04	·50	1·88	5·75	5·15	5·30	2·30	32·96
,, E.R. 2	Birdsall Gardens	2·34	3·45	·50	2·34	1·00	1·84	·36	1·54	5·06	4·38	4·95	2·82	30·58
,, ,, 3	Patrington (Rose Cottage)	1·77	2·85	·68	2·12	·25	2·29	·17	·86	4·89	3·23	3·76	2·26	25·13
,, ,, 3	Holme-on-Spalding Moor	2·18	2·30	·85	2·19	·45	2·57	·40	2·11	4·14	3·84	4·20	2·55	27·78
,, ,, 3	Beverley (E. Riding Mental Hosp.)	2·07	3·03	·63	2·28	·49	2·94	·28	1·79	4·53	5·14	4·36	2·57	30·11
,, ,, 4	Bridlington (Corpn. Nurseries)	2·41	3·09	·72	2·63	·64	2·29	·35	1·40	4·46	4·80	4·48	2·57	29·84
,, N.R. 1	Masham Moor (Roundhill Res.)	1·80	4·84	1·06	3·08	1·00	3·22	·57	2·56	6·49	5·07	7·43	2·75	39·87
,, ,, 2	Felixkirk (Mount St. John)	2·80	3·01	·85	2·77	1·27	3·37	1·14	3·26	4·31	3·79	5·13	2·71	34·41
,, ,, 2	Reeth (Arkengarthdale)	2·16	8·03	1·33	3·77	·34	3·32	1·11	2·00	8·13	8·58	8·34	2·28	49·39
,, ,, 4	Pickering (Hungate Hall)	3·28	3·50	·84	2·32	1·15	4·05	·31	1·35	4·70	3·22	4·08	2·39	31·19
,, ,, 5	Whitby (Mulgrave Castle)	2·98	3·26	·85	2·48	1·62	2·58	·39	1·38	5·41	3·55	5·08	2·54	32·12
,, ,, 6	Middlesbrough (Albert Park)	2·12	3·01	·53	2·48	·69	2·69	·48	2·29	4·00	3·78	3·73	1·92	27·72
Durham 2	Burnhope (Lodgegill Mine)	3·05	11·20	3·00	6·35	1·15	5·00	3·85	3·15	8·20	11·80	8·20	5·70	70·65
,, 2	Durham (Hought all, Hort. Stn.)	2·44	3·32	·58	3·14	·76	2·62	·26	1·74	5·38	3·92	4·22	1·90	30·28
,, 2	Weardale W.W. (Waskerley)	2·04	3·87	1·19	3·31	1·06	3·10	·92	1·53	5·31	4·31	5·74	1·97	34·35
,, 2	Sunderland (W. Hendon Ho.)	2·79	2·73	·70	2·90	1·08	2·66	·42	1·89	4·92	3·91	3·51	2·47	29·98
Northumberland 3	Corbridge (Howden Dene)	2·31	3·71	·72	2·42	·90	2·82	·69	2·47	3·11	4·49	3·65	1·50	28·79
,, 4	Bellingham (Highgreen)	1·97	3·45	1·11	3·26	·94	4·01	1·15	2·63	4·24	5·27	4·15	1·83	34·01
,, 5	Morpeth (Cockle Park)	2·09	1·58	1·09	4·16	1·17	2·39	·50	1·85	4·04	3·67	3·79	2·26	28·59
,, 5	Fontburn Res. (Tynemouth W.W.)	2·46	2·92	1·43	3·81	1·25	3·58	·79	2·42	4·31	4·79	3·99	2·23	33·98
,, 6	Wooperton	1·81	1·91	1·57	3·76	1·04	3·29	·72	4·13	3·35	4·27	3·96	2·93	32·74
,, 6	Ilderton (Lilburn Tower Gdns.)	1·67	1·97	1·46	3·54	1·08	3·61	·94	4·20	3·20	3·62	3·96	2·74	31·98
Cumberland 1	Penrith (Laurel Bank)	2·18	4·85	1·10	3·26	·82	3·38	1·16	1·63	5·71	6·76	3·56	2·11	36·52
,, 1	Geltsdale	2·23	4·91	1·29	3·72	·96	4·31	2·53	2·55	3·87	6·68	3·48	2·26	38·79
,, 1	Carlisle (Scaleby Hall)	1·52	4·56	1·32	3·44	·85	4·17	1·70	2·38	4·54	6·06	3·13	1·78	35·45
,, 2	Borrowdale (Stockley Bridge)	13·85	26·50	3·75	8·75	1·00	9·50	7·75	8·50	20·00	23·25	14·75	8·25	145·85
,, 2	Keswick (Derwent Island)	3·75	10·35	1·35	4·35	·81	5·08	2·48	3·01	10·28	9·65	5·26	3·46	59·83
,, 3	St. Bees (Fern Bank)	1·68	3·75	1·00	2·57	·88	4·53	2·03	2·33	6·56	6·03	4·54	2·67	38·57
Westmorland 1	Kirkby Stephen (Eden Place)	2·13	7·30	1·32	2·25	·67	3·95	1·02	1·62	8·36	6·43	4·70	1·85	41·65
,, 1	Appleby (Castle Bank)	2·22	4·54	1·32	3·09	·77	3·22	·78	1·64	6·07	4·93	3·01	1·89	33·48
,, 3	Kendal (Gas Works)	2·27	6·98	1·35	4·61	·36	4·94	2·26	3·57	8·90	7·45	4·85	3·43	50·97

Table XX.—(*con.*) *Monthly Rainfall*—**MONMOUTH AND WALES, AND THE ISLANDS.**

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Monmouth	3	Newport W.W. (Nantypridd)	·96	4·47	·86	6·99	1·28	6·09	·51	2·13	9·37	6·78	7·46	4·70	51·60
,,	3	Abergavenny (The Chain)	1·11	4·28	·83	5·74	1·03	4·18	·38	1·25	5·18	4·04	6·95	5·75	40·72
Glamorgan	3	Swansea (Victoria Park)	1·10	4·80	1·16	5·98	2·15	4·53	·59	1·81	7·33	6·31	7·80	3·67	47·23
,,	5	Bridgend (Eiw Graig)	1·24	3·68	1·34	5·53	1·92	3·15	1·18	2·22	7·46	6·39	6·69	4·32	45·12
,,	6	Treherbert (Tyn-y-waun)	2·53	13·48	2·21	9·43	2·63	9·82	2·20	3·44	14·97	13·96	13·09	6·78	94·54
,,	7	Cardiff (Roath Park)	1·02	4·51	1·07	5·56	·89	5·08	·54	2·30	9·53	6·08	6·42	3·86	46·86
Carmarthen	2	Carmarthen (Priory Street)	1·35	4·21	·83	4·53	1·64	5·26	·59	1·88	7·24	6·85	9·15	4·00	47·53
,,	2	Abergorlech	2·30	8·45	1·58	7·96	3·48	8·48	·91	2·49	9·77	7·31	10·10	4·75	67·58
Pembroke	4	Pembroke (Stackpole Court)	1·58	4·33	·85	4·23	·95	3·26	1·13	1·71	6·22	5·34	7·04	3·95	40·59
,,	4	Saundersfoot (Hean Castle)	1·27	4·23	1·01	4·22	1·37	3·97	1·04	1·59	6·00	7·08	6·64	3·68	42·10
,,	4	Haverfordwest (Picton Castle)	2·06	5·20	1·10	4·18	1·34	4·80	1·12	1·92	5·75	6·70	7·05	4·46	45·68
Cardigan	2	Aberystwyth (Plant Breeding Stn.)	1·79	4·46	1·59	3·71	2·32	7·37	1·00	4·35	7·39	8·09	4·94	2·17	49·18
,,	3	Cardigan (Plas Llangoedmore)	1·65	5·41	1·12	4·85	1·89	5·15	·36	1·35	5·92	6·82	5·90	3·27	43·69
,,	3	Lampeter (Falcondale)	2·18	5·33	1·52	5·90	2·29	4·92	·99	3·50	9·07	7·57	8·72	4·66	56·65
,,	5	Plynlimon	5·00	11·00	3·50	7·50	2·00	7·50	2·40	5·50	13·50	17·00	8·50	7·00	90·40
Brecon	7	Swansea W.W. (Cray Res.) No. 1	1·76	9·01	1·63	9·33	2·88	7·40	1·37	2·53	9·02	8·87	11·21	6·38	71·39
,,	8	Birmingham W.W. (Cors-yr-hwch)	5·90	12·95	3·50	11·20	2·80	8·10	2·33	3·60	15·30	14·95	12·40	8·80	101·83
Radnor	1	Llandrindod Wells (Disserth Rec.)	1·71	6·44	1·43	5·88	1·37	4·36	·47	1·47	8·12	6·35	7·14	4·10	48·84
Montgomery	4	Newtown (Penarth Weir)	1·39	3·98	1·06	4·12	·90	3·32	·68	1·30	6·27	6·58	4·97	3·68	38·25
,,	5	Welshpool (County School)	·72	3·41	·91	2·87	·62	2·99	·42	1·23	5·26	4·54	3·66	2·39	29·02
,,	5	Lake Vyrnwy	2·50	11·07	2·13	6·16	1·11	5·58	1·83	1·51	10·73	11·79	7·40	4·69	66·50
Flint	2	Rhyl (Sewage Works)	1·65	2·17	·50	2·00	1·63	3·34	·47	·81	5·28	4·57	2·51	2·50	27·43
Denbigh	1	Wrexham (Packsaddle Res.)	1·92	3·08	·87	3·23	1·58	3·46	·86	1·48	5·41	5·52	5·74	4·63	37·78
,,	2	Llangynhafal (Plâs Drâw)	1·59	3·46	·77	2·58	2·01	4·46	2·03	1·13	4·98	5·26	5·07	2·78	36·12
,,	3	Pentre Voelas (Voelas Hall)	2·40	9·59	1·41	4·84	1·54	8·21	1·08	2·01	9·64	10·40	7·16	3·80	62·08
Merioneth	3	Festiniog (Hafod Fawr)	4·01	10·09	2·46	5·08	2·11	8·10	2·51	3·88	11·23	12·30	6·74	3·57	72·08
,,	4	Dolgelly (Bontddu)	3·90	7·31	2·08	6·19	2·50	8·32	1·77	3·82	8·25	10·83	7·76	4·10	66·83
Carnarvon	2	Llandudno (Cricket Ground)	1·42	2·94	·69	1·88	1·24	2·57	·33	1·81	4·65	5·64	3·43	1·67	28·27
,,	3	Bethesda (Penrhyn Quarries)	4·93	9·79	·88	4·93	2·65	6·19	2·11	2·32	9·08	11·22	8·70	3·39	66·19
,,	4	Pwllheli (Bodfean Hall Gardens)	1·60	4·68	·91	3·26	1·09	4·36	·71	1·55	7·60	6·52	5·59	3·45	41·32
,,	5	Snowdon (Cwm Dyli)	7·12	19·33	4·07	8·29	3·51	11·06	3·08	5·40	15·60	18·54	14·17	6·46	116·63

Table XX.—(*con.*) *Monthly Rainfall*—**MONMOUTH AND WALES**—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Anglesey.....	Holyhead (Salt Island).....	1·82	3·35	·91	2·26	1·42	3·30	·33	1·80	6·00	4·72	6·02	3·48	35·41
,, ...	Llanerchymedd (Llwydiarth Esgob)	2·06	3·96	1·06	2·08	1·83	4·70	·52	2·41	6·78	6·79	5·96	2·82	40·97
	ISLE OF MAN.													
Isle of Man.....	Douglas (Borough Cemetery).....	2·12	4·30	1·56	3·75	1·06	3·96	1·46	1·59	5·81	5·94	5·92	5·08	42·55
.....	Ramsey (North Promenade).....	1·99	3·06	·76	3·91	·66	2·77	1·71	1·46	2·76	7·34	5·95	4·80	37·17
	CHANNEL ISLANDS.													
Jersey.....	St. Aubins (Belle Vue).....	·74	4·26	1·14	3·56	1·86	3·32	·75	2·02	2·92	4·50	6·12	6·42	37·61
Guernsey	St. Martin's (Les Blanches).....	·96	5·16	1·24	3·17	1·62	3·39	·73	1·72	2·58	4·56	7·01	6·79	39·03
Sark	Pointe Robert	·29	4·53	1·23	2·29	1·38	4·05	·49	1·42	2·78	2·99	5·83	5·41	32·69
Alderney	St. Anne (Grosnez House)..... ..	·59	4·20	1·71	2·98	1·93	2·32	·19	1·15	2·90	3·18	7·56	5·90	34·61
	SCOTLAND.													
Wigtownshire .. 3	Whithorn (Glasserton)	1·83	3·65	1·39	3·12	·65	3·41	1·53	1·51	5·60	7·67	5·13	4·49	39·98
,, .. 3	Port William (Monreith).....	1·75	3·83	1·25	3·06	·53	3·18	1·77	1·56	5·16	6·64	5·97	5·01	39·71
,, .. 4	Kirkcowan (Craighlaw).....	3·20	4·75	1·66	3·30	·68	3·56	2·31	2·27	5·53	8·77	7·26	5·30	48·59
Kirkcudbright .. 3	Dalry (Glendarroch)	2·49	6·30	1·67	4·45	·92	5·51	2·08	1·76	6·01	8·89	7·78	4·54	52·40
,, .. 4	Dalbeattie (Drumstinchall).....	1·61	4·21	1·33	4·15	·85	7·29	2·17	3·18	6·21	8·29	7·38	2·86	49·53
Dumfriesshire .. 3	Moniaive (Glencrosh)	3·03	7·43	2·05	4·04	·68	5·55	1·75	2·23	5·70	8·89	7·46	4·35	53·16
,, .. 4	Dalton (Whitecroft).....	1·79	4·10	1·57	3·68	·77	4·42	1·21	4·68	4·12	8·21	6·07	2·61	43·23
,, .. 5	Langholm (Ewes, Sandyhaugh)....	3·09	6·82	1·96	5·22	·91	6·12	3·45	5·81	6·30	8·62	6·30	2·61	57·21
,, .. 5	Eskdalemuir Observatory.....	3·24	7·69	2·57	5·80	1·16	5·36	2·47	5·04	7·56	10·12	6·13	2·78	59·92
Roxburghshire.. 3	Jedburgh (Jedneuk)	1·30	1·34	1·23	2·68	·98	4·15	1·67	3·52	2·34	4·82	3·27	·99	28·29
Selkirkshire 1	Selkirk (Whitmuir Hall)	1·41	2·05	1·20	2·86	1·03	3·96	1·21	2·79	4·31	6·48	4·00	1·50	32·80
Peeblesshire.... 1	Edin. W.W. (Victoria Lodge).....	2·50	5·27	1·75	4·35	1·22	3·84	1·53	2·24	4·92	8·30	5·68	2·55	44·15
,, ... 2	Stobo Castle.....	1·50	2·75	1·29	3·31	1·18	2·65	1·48	1·57	3·87	7·16	5·20	2·02	33·98
Berwickshire ... 2	Earnscleugh Burn (Blythe Rig)....	2·11	2·63	1·59	3·90	1·66	3·53	1·53	3·77	3·42	6·82	4·93	2·60	38·49
,, ... 4	Marchmont House.....	1·81	1·83	1·51	3·22	1·03	4·11	1·27	3·16	2·61	4·43	3·75	1·80	30·53
East Lothian .. 5	North Berwick Reservoir.....	·85	1·20	1·42	3·28	1·00	2·95	1·08	3·61	2·36	4·58	3·78	1·57	27·68
Midlothianshire. 5	Pentland Hills (Harperrig).....	1·81	3·64	1·56	3·76	·87	2·83	1·08	2·12	4·34	7·43	5·39	1·73	36·56

Table XX.—(*con.*) *Monthly Rainfall*—**SCOTLAND**—(*con.*).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	n.	in.	in.	in.	in.
Midlothianshire. 5	Edinburgh (Blackford Hill)	1·26	1·71	·91	2·97	·93	2·15	·62	2·53	3·24	6·38	3·80	1·13	27·63
Lanarkshire.... 4	Gartcosh (Gartloch Hospital).....	2·11	4·01	1·85	2·41	·56	2·90	1·74	2·10	5·25	8·41	4·04	2·27	37·65
,, ... 5	Douglas (Kilncroft).....	2·49	6·97	1·84	4·29	·59	5·20	1·66	1·83	6·03	7·26	6·62	3·21	47·99
,, ... 5	Strathaven (East Overton Ho.)....	2·51	6·71	2·49	3·56	·84	5·28	2·07	2·17	7·02	10·32	6·04	2·66	51·67
Ayrshire..... 3	Dalry W. W. (Filters)	3·75	6·91	2·53	4·16	1·11	5·44	3·44	2·13	6·91	12·27	6·45	4·47	59·57
,, ... 6	Maybole (Culzean Castle Gardens)..	3·02	5·28	1·70	2·36	·80	3·30	1·71	1·77	4·51	7·64	5·39	3·17	40·65
,, ... 8	Colmonell (Knockdolian).....	2·45	4·32	1·66	2·33	·65	2·80	1·81	1·61	4·23	7·07	5·77	3·76	38·46
,, ...13	Glen Afton (Ayr Sanatorium).....	3·63	8·68	2·80	4·60	·95	5·35	2·61	1·60	6·19	10·72	7·42	4·80	59·35
Renfrewshire... 2	Houston Manse	2·77	6·25	1·85	3·50	·59	2·52	1·61	1·70	7·26	9·63	4·73	3·63	47·04
Dumbartonshire 2	Cardross (Kilmahew).....	2·39	5·86	1·78	3·50	·57	3·23	1·82	2·68	6·61	9·89	5·10	3·65	47·08
Stirlingshire.... 1	Falkirk (Westbank Garden).....	1·45	3·62	1·30	2·62	·48	3·65	1·09	1·60	5·08	7·82	4·33	2·08	35·12
Buteshire..... 1	Port Bannatyne (Ettrickdale).....	4·26	7·00	3·05	3·83	1·17	3·98	2·79	2·68	5·93	10·67	6·33	5·35	57·04
,, ... 3	Arran (Dougarie Lodge).....	2·50	5·23	1·70	3·19	1·10	3·63	1·73	1·34	5·27	8·80	5·98	3·72	44·19
Argyllshire..... 2	Loch Sunart (Glenborrodale).....	8·10	9·85	4·78	3·77	1·16	2·94	5·48	7·14	9·35	11·67	7·08	5·10	76·42
,, ... 2	Acharacle (Shielbridge).....	6·43	7·11	4·95	3·92	·93	3·40	4·35	7·14	8·53	11·91	6·09	3·93	68·69
,, ... 3	Morvern (Kingairloch).....	8·33	14·69	5·75	4·74	1·67	7·38	4·84	9·16	15 00	18·05	7·52	7·23	104·36
,, ... 4	Duror (Achara)	4·92	8·11	3·37	2·96	·64	3·75	3·40	5·35	7·22	9·11	5·05	3·97	57·85
,, ... 5	Glen Etive	10·43	15·01	6·07	4·70	1·16	7·05	6·07	8·63	15·07	21·24	10·07	4·98	110·48
,, ... 7	Oban	3·26	5·49	3·09	2·59	·46	3·32	2·94	4·02	9·96	10·11	3·00	4·94	53·18
,, ...10	Campbeltown (South Park).....	3·03	6·75	2·53	5·04	1·34	4·20	2·37	2·16	5·94	10·74	7·56	5·73	57·39
,, ...10	Skipness (Claonaig).....	5·49	6·85	2·31	3·22	·95	3·56	2·75	2·06	6·68	10·72	5·58	4·42	54·59
,, ...11	Ardrishaig (Canal Office).....	5·64	7·86	3·64	4·19	1·21	4·76	4·63	4·46	8·10	16·01	8·46	6·32	75·28
,, ...11	Ardkinglas	5·71	9·73	4·08	4·11	·83	5·38	3·57	4·62	10·61	16·34	9·00	7·00	80·98
,, ...12	Loch Eck (Benmore).....	6·44	12·52	3·89	6·91	1·35	6·93	4·51	4·00	11·02	18·33	9·61	7·40	92·91
,, ...14	Islay (Eallabus)	3·50	4·39	1·94	3·70	1·13	2·43	2·69	4·45	8·15	11·28	7·53	5·07	56·26
,, ...14	Jura (Ardfin)	4·81	5·34	2·08	4·87	1·27	3·02	3·55	3·78	8·36	12·29	6·10	4·81	60·28
,, ...14	Colonsay.....	3·89	5·42	2·02	3·30	1·36	3·05	3·35	5·04	8·65	10·04	5·24	4·70	56·06
,, ...14	Seil (Easdale).....	(4·52)	5·87	3·50	2·55	·71	3·21	3·97	5·25	9·81	12·06	5·26	4·89	61·60
,, ...14	Mull (Bunessan).....	3·56	5·34	2·28	2·57	1·03	3·82	2·95	5·73	6·81	9·46	5·59	4·19	53·33
,, ...14	Tiree.....	2·88	4·07	2·22	3·14	·98	2·12	2·17	5·04	5·09	7·25	7·07	3·74	45·77
Fifeshire..... 2	Kirkcaldy (Munro Street).....	·92	1·58	1·05	3·09	·70	2·87	1·10	2·32	3·94	4·44	3·97	1·88	27·86
,, ... 3	Cupar (Asylum)	·91	1·63	1·30	2·79	·66	3·33	·93	2·69	3·24	4·36	4·91	2·00	28·75

Table XX.—(*con.*) *Monthly Rainfall*—**SCOTLAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Perthshire	3	Loch Drunkie	3·30	8·70	3·10	4·60	·30	6·60	2·00	5·10	8·50	13·40	5·85	4·70	66·15
,,	3	Glengyle	5·10	14·50	4·05	5·85	·75	7·75	3·10	5·65	12·30	18·65	8·70	6·05	92·45
,,	4	Glendevon (Glenquey Reservoir)	1·52	5·38	2·35	4·93	·60	6·59	1·60	6·03	8·47	10·43	6·43	2·98	57·31
,,	7	Lochearnhead (Edinchip)	3·01	9·65	3·28	4·67	·59	6·48	1·85	3·92	8·82	13·58	7·49	4·32	67·66
,,	7	Crieff (Strathearn Hydro)	1·13	3·43	1·62	3·38	·26	6·85	·89	2·31	4·92	6·18	4·79	2·92	38·68
,,	11	Aberfeldy (Dall Avon)	1·56	4·36	1·94	3·09	·80	8·00	·72	2·46	4·79	7·03	5·45	2·73	42·93
,,	14	Loch Rannoch (Dall)	3·19	6·83	2·84	3·01	·69	3·70	·59	2·67	6·80	9·37	5·51	2·44	47·64
,,	14	Blair Atholl (Blair Castle Gdns.)	1·54	4·13	2·14	2·88	·60	5·98	·67	2·30	4·60	5·63	4·33	1·56	36·36
,,	15	Kirkmichael (Ballintuim Ho.)	1·57	3·82	2·21	3·50	·53	4·27	·75	2·33	4·59	6·32	4·17	3·67	37·73
Angus	1	Kettins School	·93	1·74	1·37	3·16	·57	3·43	1·31	1·50	4·35	4·67	3·87	2·85	29·75
,,	3	Arbroath (W. Cemetery)	·89	1·78	1·48	3·24	·86	3·69	·67	1·17	3·64	3·76	3·79	1·80	26·77
,,	3	Glen Prosen (Pearsie House)	·81	2·58	2·14	4·12	1·09	3·44	1·88	2·06	5·62	6·92	4·65	(3·80)	(39·11)
Kincardineshire	1	Marykirk (Balmakewan)	1·06	2·14	2·03	4·36	1·29	3·11	1·65	2·33	4·54	4·52	5·56	3·12	35·71
,,	3	Strachan (Bridge of Dye)	1·61	3·06	3·04	7·45	2·08	4·24	1·29	1·86	4·68	6·05	7·68	4·27	47·31
Aberdeenshire	1	Braemar (Bank)	2·39	3·25	1·54	4·44	1·22	2·91	·68	2·61	3·66	6·47	4·76	1·73	35·66
,,	1	Ballater (Irrigation Farm)	1·64	2·31	1·56	5·01	1·62	2·97	·60	2·35	3·73	4·56	5·08	2·05	33·48
,,	1	Logie Coldstone School	1·96	2·04	1·29	4·15	1·91	3·05	(1·15)	(1·90)	3·03	4·10	3·99	2·21	(30·78)
,,	2	Aberdeen Observatory	1·72	1·73	2·06	4·15	1·60	4·23	2·91	2·38	4·24	3·13	4·26	3·19	35·60
,,	2	Dyce (Craibstone)	1·87	1·89	2·65	4·24	1·94	3·90	2·24	3·18	4·35	3·88	5·53	3·94	39·61
,,	3	Haddo House	2·12	2·12	2·30	3·79	2·00	2·26	2·20	1·88	5·44	3·79	4·95	4·44	37·29
,,	4	Peterhead (Forehill Works)	1·79	1·54	1·58	3·25	2·24	2·85	2·24	2·31	5·28	3·21	3·61	4·44	34·34
,,	5	Huntly (Cruchie)	2·27	2·09	2·23	3·43	1·89	2·06	1·95	2·78	4·34	3·06	3·84	3·43	33·37
Banffshire	2	Turriff (Forglen Gardens)	2·76	2·74	2·00	3·29	2·00	1·75	2·32	2·53	5·68	3·25	3·72	3·14	35·18
Morayshire	2	Fochabers (Gordon Castle)	2·12	2·17	2·00	3·03	1·51	1·54	2·35	3·02	3·71	3·49	2·47	2·61	30·02
,,	3	Grantown-on-Spey	2·02	1·88	1·53	2·93	2·25	2·70	1·36	2·82	4·43	5·64	2·28	1·82	31·66
,,	3	Aberlour (Wester Elchies)	2·42	2·39	1·26	4·20	2·01	2·27	2·38	2·38	3·81	5·03	2·71	1·98	32·84
Nairnshire	2	Nairn (Achareidh)	1·26	2·20	1·54	2·47	1·53	2·95	1·46	3·11	3·91	5·10	2·69	1·56	29·78
Inverness-shire	3	Cluny Castle	3·12	3·64	2·41	1·91	1·04	4·22	1·72	3·25	6·28	9·53	4·35	1·39	42·86
,,	3	Kingussie (The Birches)	2·57	4·97	2·00	2·37	1·42	4·69	1·07	3·60	4·89	7·67	3·22	1·10	39·57
,,	6	Loch Ness (Foyers)	3·68	7·08	1·93	2·65	1·13	3·27	·82	3·58	5·20	8·41	4·45	1·13	43·33
,,	7	Loch Quoich (Glenquoich)	13·86	18·06	5·74	4·26	1·86	5·93	6·57	7·16	15·58	23·50	7·89	5·78	116·19

Table XX.—(*con*). *Monthly Rainfall*—**SCOTLAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Inverness-shire	12	Loch Nevis (Inverie Gdns.)	8·69	9·01	5·36	3·35	1·82	3·68	6·20	8·64	10·66	12·62	5·78	4·46	80·27
,,	13	Arisaig House	6·38	6·25	4·52	2·44	1·26	3·12	5·94	7·67	7·64	10·67	5·22	4·43	65·54
,,	17	Glenleven (Corrour)	4·52	14·65	6·22	3·78	·73	5·31	2·56	5·00	12·75	13·17	8·11	3·01	79·81
,,	17	Fort William (Glasdrum)	6·81	12·54	5·29	2·98	1·04	6·26	3·99	6·53	11·67	14·40	7·38	4·66	83·55
,,	18	Isle of Eigg	8·55	6·75	4·72	3·20	1·16	3·50	5·45	7·76	8·10	10·59	6·92	4·04	70·74
,,	18	Skye (Kyleakin, Dunringell)	6·32	8·11	4·18	2·82	1·33	3·73	2·52	5·68	10·31	10·78	5·21	3·38	64·37
,,	18	Skye (Portree)	7·61	8·20	4·25	3·66	1·72	3·59	3·90	6·03	9·71	11·54	6·82	4·61	71·64
,,	18	Skye (Dunvegan)	5·78	5·43	4·40	3·14	1·84	4·67	4·04	4·90	7·89	9·80	4·81	4·21	60·91
,,	19	Barra (Skallary)	4·37	5·10	2·36	3·33	1·00	2·78	2·72	4·71	4·00	6·79	5·84	4·17	47·17
,,	19	N. Harris (Amhuinnsuidh Castle)	5·92	6·09	5·48	2·94	2·21	9·86	3·18	4·89	6·60	10·83	4·55	2·38	64·93
Ross & Cromarty	1	Glenmoriston (Cluanie Inn)	14·54	20·07	7·94	5·83	2·31	5·31	6·84	6·24	15·85	23·48	9·32	5·89	123·62
,,	4	Dingwall (The Academy)	2·69	3·83	2·23	2·75	1·27	4·02	1·07	2·70	3·32	5·81	2·48	2·11	34·28
,,	4	Alness (Ardross Castle)	2·11	4·12	2·36	4·17	2·43	4·80	1·12	3·14	4·26	8·23	3·07	2·74	42·55
,,	5	Tain (Ardlarach)	2·33	2·73	2·41	3·15	2·53	4·21	2·18	3·63	3·93	5·70	3·04	2·72	38·56
,,	7	Braemore (Loch a' Bhraoin)	11·00	8·10	6·70	5·10	1·00	3·90	5·10	6·20	12·05	12·50	10·05	5·10	86·80
,,	7	Ullapool	4·33	5·62	4·06	2·35	2·04	2·66	2·92	3·65	6·66	7·92	3·28	2·96	48·45
,,	8	Poolewe (Inverewe Gardens)	5·33	6·82	4·77	2·11	1·67	2·87	3·96	5·50	7·95	9·62	3·29	2·82	56·71
,,	9	Loch Carron (Dunhulladale)	10·56	9·26	5·92	2·62	1·96	3·08	5·39	5·57	11·41	13·52	5·27	4·34	78·90
,,	9	Achnashellach	10·44	14·76	5·59	3·83	2·23	2·72	7·22	5·36	11·64	15·10	3·42	3·97	86·28
,,	10	Stornoway (Matheson Road)	6·13	5·24	4·09	2·53	2·07	2·79	2·60	3·95	7·87	9·03	3·68	3·58	53·56
Sutherlandshire	1	Lairg	5·11	5·71	2·47	2·19	2·20	2·94	1·75	2·90	4·58	6·26	3·59	3·97	43·67
,,	4	Skerray (Borgie)	5·15	4·83	3·84	2·21	1·60	2·64	2·01	4·82	6·72	7·06	3·24	4·14	48·26
,,	4	Tongue	3·63	3·23	3·29	2·55	1·61	2·95	2·10	4·81	6·40	6·70	2·42	4·17	43·86
,,	4	Melvich	5·07	3·80	3·16	1·88	1·20	2·32	2·04	4·31	6·06	6·86	4·09	4·13	44·92
,,	5	Loch More (Achfary)	12·53	10·02	7·94	3·46	4·19	2·95	9·16	7·27	11·22	17·96	5·60	6·22	98·52
Caithness-shire	2	Wick (Coastguard Station)	3·57	2·57	1·93	2·86	·56	·92	2·61	2·93	4·09	4·56	4·56	3·08	34·24
,,	3	Thurso (Buckies)	5·33	3·15	2·72	3·14	1·40	2·43	2·77	3·94	6·00	6·69	4·57	3·96	46·10
Orkney		Kirkwall (Bignold Park)	4·51	3·62	3·20	2·76	·71	1·39	3·01	4·15	4·76	7·14	5·19	4·35	44·79
Shetland		Lerwick Observatory	3·48	4·60	3·76	2·22	·95	2·05	5·65	4·29	4·79	6·52	3·68	6·06	48·05

Table XX.—(*con.*) *Monthly Rainfall*—**IRELAND.**

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Cork	4	Garinish Island	1·66	8·05	2·09	4·55	1·26	9·78	1·29	4·29	8·45	5·02	9·04	4·55	60·03
,,	6	Castletownshend (Seafield)	·57	4·79	1·45	3·50	·80	4·86	·70	3·36	8·82	3·20	5·63	4·38	42·06
,,	6	Dunmanway (The Rectory)	1·14	5·49	2·15	5·18	·98	7·33	·72	3·07	8·85	3·52	6·61	5·23	50·27
,,	7	Cork (University College)	·84	2·95	1·54	3·31	·71	5·31	·50	2·68	6·80	2·10	4·58	4·29	35·61
,,	9	Mallow (Longueville)	1·01	3·45	1·61	2·90	·84	5·32	·86	2·08	6·44	3·22	5·03	3·59	36·35
,,	9	Kanturk (Castlecor)	1·34	3·51	1·90	2·91	1·07	4·59	·93	2·31	6·26	3·29	4·64	3·35	36·10
Co. Kerry	3	Valentia Observatory	1·07	5·07	2·17	3·72	1·35	8·16	1·37	4·70	6·19	4·89	8·36	4·27	51·32
,,	3	Killarney (Flesk Mills)	1·71	7·56	1·60	4·61	·64	5·54	1·19	4·20	7·14	5·20	7·66	4·75	51·80
,,	3	Killorglin (Callinafercy)	1·69	5·56	2·32	3·97	(·75)	5·88	1·40	3·90	5·77	5·60	7·67	(4·13)	(48·64)
,,	3	Bally McElligott Rectory	1·15	4·82	1·61	2·77	1·07	5·18	1·59	3·50	4·75	4·16	6·52	3·31	40·43
,,	4	Darrynane Abbey	1·45	4·59	1·80	3·52	1·40	7·50	1·26	5·03	5·73	5·15	7·23	4·13	48·79
,,	4	Kenmare (Dromore Castle)	2·36	8·41	2·94	4·78	1·46	8·69	1·17	5·02	8·11	6·82	9·51	6·35	65·62
Co. Waterford	3	Waterford (Gortmore)	·63	3·04	1·55	3·51	·70	4·81	·86	1·03	6·74	2·96	4·90	3·19	33·92
,,	3	Carrick-on-Suir (Seskin)	1·41	3·02	1·68	4·56	·93	5·32	·57	1·37	7·83	2·87	5·08	4·24	38·88
Co. Tipperary	1	Nenagh (Traverston)	1·86	4·57	2·56	3·33	·98	5·80	1·24	4·97	7·55	5·55	6·43	2·74	47·58
,,	1	Nenagh (Castle Lough)	1·71	3·83	2·11	2·80	1·39	5·15	1·07	5·72	5·39	4·34	5·06	2·00	40·57
,,	3	Cahir (Abbey)	1·40	3·43	1·74	3·19	·92	5·14	·83	1·86	5·53	3·26	4·77	3·17	35·24
,,	3	Cashel (Ballinamona)	1·35	3·20	1·86	2·77	1·09	7·24	1·12	2·20	5·60	3·39	4·32	2·60	36·74
,,	4	Roscrea (Timoney Park)	1·58	3·60	2·17	3·45	1·05	7·73	1·04	3·02	5·73	4·03	4·08	2·02	39·50
Co. Limerick	2	Abbeyfeale (Springmount School)	1·90	4·51	2·38	2·77	·80	3·85	·48	4·51	5·59	3·94	5·09	2·90	38·72
,,	2	Knocklong (Kilfrush)	1·61	3·04	1·36	2·83	1·31	4·34	1·14	2·52	5·49	3·75	4·04	2·27	33·70
,,	2	Ballingarry Presbytery	·98	3·17	1·64	2·70	1·61	4·55	·88	2·75	5·62	3·46	4·67	2·22	34·25
,,	2	Foynes (Coolnanes)	1·57	3·96	2·50	3·75	1·12	4·51	1·59	3·63	6·13	4·61	5·73	2·67	41·77
,,	2	Limerick (Mulgrave Street)	1·78	3·61	2·60	3·15	2·56	5·75	1·47	3·70	7·16	5·11	4·65	2·04	43·58
Co. Clare	2	Inagh (Mount Callan)	3·02	6·66	3·94	5·14	1·73	6·01	3·29	5·69	8·70	9·22	8·92	4·29	66·61
,,	3	Dromoland Castle	1·45	4·38	1·85	3·43	1·87	7·46	1·19	3·75	7·60	4·80	5·20	3·09	46·07
Co. Wexford	2	Foulks Mill (Longraigue)	·73	3·23	1·79	3·20	1·26	6·84	1·07	1·12	7·00	3·39	4·92	3·44	37·99
,,	3	Enniscorthy (Woodbrook)	1·25	3·00	2·35	4·77	1·75	6·33	1·08	1·79	6·90	4·49	5·63	3·91	43·25
,,	4	Gorey (Courtown House)	·80	3·07	1·16	3·10	·88	5·34	·91	1·62	5·06	3·23	4·47	2·51	32·15
Co. Kilkenny	2	Castlecomer House	1·56	3·50	1·86	3·07	1·31	6·56	1·26	3·37	5·59	4·18	4·69	2·54	39·49

Table XX.—(*con.*) *Monthly Rainfall*—**IRELAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Wicklow ...	4	Newcastle (Killadreenan)	1·60	3·12	1·06	3·31	1·01	4·03	·96	1·83	3·88	2·38	5·07	2·33	30·58
,, ...	5	Blessington Rectory	1·97	5·33	1·27	2·01	1·99	3·59	1·19	2·88	5·20	3·66	3·85	1·49	34·43
Co. Carlow	2	Bagnalstown (Fenagh House)	·85	3·13	1·06	2·03	·88	3·74	·68	1·48	4·58	2·38	4·96	2·38	28·15
,, ...	3	Hacketstown Rectory	1·39	3·62	1·39	3·19	·97	4·62	1·25	2·20	4·55	2·97	5·05	2·71	33·91
Co. Leix	2	Abbey Leix (Blandsfort)	1·47	3·97	1·72	2·84	1·06	5·60	1·04	3·85	5·49	3·48	4·77	2·27	37·56
,, ...	3	Mountrath (Bugreanh)	3·03	6·44	2·76	4·70	1·54	7·62	1·72	4·99	6·59	6·19	5·24	3·12	53·94
Co. Offaly	1	Birr Castle	1·24	3·02	1·36	1·77	1·04	4·78	·94	3·23	5·67	3·88	4·03	1·48	32·44
,, ...	1	Ferbane (Turraun Peat Works)	1·01	2·98	1·67	2·10	1·32	8·13	·84	4·55	5·46	3·38	3·08	1·54	36·06
,, ...	1	Ballycumber (Bellair House)	1·23	3·13	1·82	2·75	1·24	6·54	·60	3·50	5·11	3·25	3·41	1·82	34·40
Co. Kildare	2	Straffan House	1·46	3·90	·60	2·26	1·92	3·76	·77	3·05	4·52	3·02	3·86	1·57	30·69
Co. Dublin	2	Howth Castle	1·38	2·89	·55	2·01	1·17	4·19	·66	2·03	3·40	2·03	3·79	1·72	25·82
,, ...	3	Balbriggan (Ardgillan)	1·02	3·30	·77	2·82	1·45	3·58	·68	1·98	4·11	2·52	5·30	2·50	30·03
Co. Meath	2	Dunboyne (Stirling, Clonee)	1·59	3·89	·91	2·14	1·73	4·01	·62	2·10	4·22	2·97	3·82	1·71	29·71
,, ...	4	Summerhill House	1·45	3·91	1·17	2·25	1·94	5·06	·79	3·06	4·18	3·69	3·85	2·52	33·87
,, ...	4	Kells (Headfort)	1·57	4·41	1·18	2·77	1·19	3·98	·79	3·84	6·01	3·59	4·41	3·19	36·93
Co. Westmeath .	1	Mullingar (Belvedere House)	1·47	4·54	2·07	2·93	1·78	6·34	·88	3·81	5·83	4·26	4·40	2·61	40·92
,, ..	1	Castlepollard (Pakenham Hall)	1·46	3·78	1·73	3·69	·82	4·69	1·19	3·40	6·42	3·67	3·96	3·20	38·01
Co. Louth	2	Dundalk (Ravensdale)	1·50	3·89	1·18	3·42	·87	5·56	·98	2·77	4·37	4·15	5·02	3·42	37·13
Co. Longford ...	2	Ballymahon (New Castle)	1·48	3·25	2·17	3·13	1·16	5·42	·90	2·89	7·43	3·45	3·99	2·13	37·40
,, ...	2	Newtownforbes (Cas. Forbes Gdns.)	1·57	3·33	2·06	2·96	·83	4·39	·78	2·90	8·26	3·80	4·28	2·17	37·33
Co. Galway	3	Galway (Grammar School)	1·50	4·46	2·86	2·26	1·08	5·35	1·27	3·87	6·13	4·96	4·84	2·21	40·79
,, ...	3	Ballynahinch Castle	3·62	4·84	2·46	4·69	1·76	10·58	3·15	7·43	7·64	7·67	10·37	5·24	69·45
,, ...	3	Tuam Palace Gardens	1·65	4·46	1·99	2·93	1·64	6·30	·72	2·79	7·28	4·34	5·04	2·11	41·25
,, ...	5	Portumna	1·11	2·74	1·65	2·14	1·27	4·88	·73	2·49	5·56	3·63	3·71	1·80	31·71
,, ...	5	Ahascragh (Clonbrock)	1·69	4·20	2·36	2·89	1·62	5·48	1·03	2·42	7·29	4·81	4·98	2·28	41·05
Co. Roscommon	4	Strokestown (Castlenode)	1·59	3·17	2·03	2·56	1·10	4·84	·88	2·26	6·87	4·21	4·04	2·29	35·84
Co. Mayo	2	Castlebar Rectory	3·11	5·11	2·28	3·55	2·59	6·06	1·64	3·74	6·98	8·99	6·40	3·00	53·45
,, ...	2	Ballina (The Rectory)	1·96	4·21	1·81	2·91	2·06	7·10	·91	3·62	6·22	6·33	4·24	2·79	44·16
,, ...	3	Blacksod Point	2·32	5·00	2·13	3·89	1·16	5·64	1·74	3·70	5·68	6·78	5·58	2·54	46·16
,, ...	4	Mallaranny	3·53	5·81	2·99	4·20	1·94	6·99	2·29	6·03	7·63	8·20	8·23	3·67	61·51
,, ...	5	Aasleagh House	5·61	11·56	3·49	6·69	2·50	10·08	5·60	7·02	11·03	12·77	12·97	7·41	96·73
,, ...	5	Delphi Lodge	5·95	9·67	3·38	5·18	3·08	10·78	5·68	9·94	10·64	14·09	13·19	6·66	98·24

Table XX.—(*con.*) *Monthly Rainfall*—**IRELAND**—(*con.*).

County and River Division.		Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
			in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Sligo.....	2	Collooney (Markree Obsy.).....	3·54	3·89	2·16	4·21	1·70	4·89	1·06	3·17	6·20	6·09	4·68	4·00	45·59
,, ...	2	Sligo (Ard-na-veagh)	3·39	3·83	2·56	3·10	1·92	5·76	1·33	3·29	5·75	5·96	4·06	3·80	44·75
Co. Leitrim	5	Cloone.....	3·03	3·92	2·11	2·17	·89	5·48	·86	3·07	7·24	4·31	3·90	2·87	39·85
Co. Cavan	1	Crossdoney (Kevit Castle).....	1·33	3·74	1·52	3·03	1·06	3·83	1·06	3·49	6·19	4·30	4·74	2·98	37·27
Co. Fermanagh .	1	Newtownbutler (Crom Castle)	1·81	4·10	1·56	3·55	·63	4·96	·95	3·23	5·52	4·28	5·05	3·37	39·01
,, ..	1	Enniskillen (Portora School).....	1·62	3·63	1·64	2·77	1·10	4·64	1·19	2·29	4·34	5·05	4·25	3·03	35·55
,, ..	1	Belleek (Heronshaw).....	3·19	4·37	2·19	4·71	1·79	4·56	2·65	3·69	8·02	9·06	4·88	3·96	53·07
Co. Armagh	3	Markethill (Whitecross)	1·78	4·40	1·65	2·76	·97	4·79	1·34	3·22	5·00	4·23	6·08	4·39	40·61
,, ...	5	Armagh (Observatory)	1·44	3·27	1·25	2·11	·84	4·09	1·12	2·80	3·78	3·33	3·88	2·33	30·24
Co. Down.....	1	Newry (Bridge Street House).....	1·33	4·76	·98	2·48	·83	4·18	·59	2·51	4·20	3·52	5·58	3·59	34·55
,, ...	2	Silent Valley (Belfast W.W.)	1·97	6·31	1·45	4·55	1·28	5·81	1·26	2·58	6·99	5·68	7·03	4·78	49·69
,, ...	2	Seaforde	1·33	3·70	1·09	3·28	·87	4·73	1·22	1·30	5·47	3·73	5·49	4·52	36·73
,, ...	4	Donaghadee(Coastguard Station)..	1·13	2·93	1·29	1·70	·67	3·50	·84	1·75	4·05	4·34	4·62	3·02	29·84
Co. Antrim.....	1	Belfast (Queen's University).....	1·71	4·38	1·75	2·40	1·49	4·51	·86	3·16	4·97	4·99	4·92	3·82	38·96
,, ...	2	Larne (Sallagh Springs).....	2·24	5·40	1·44	3·62	1·19	4·82	1·94	1·66	6·81	8·16	7·11	5·29	49·68
,, ...	3	Ballycastle (Magherintemple)	2·83	4·61	1·26	3·86	1·56	3·10	2·73	2·13	3·83	7·58	4·83	4·63	42·95
,, ...	5	Aldergrove (Aerodome)	1·20	3·42	1·47	2·40	·96	3·75	1·06	1·43	3·28	4·15	3·85	2·52	29·49
,, ...	5	Ballymena (Harryville)	2·13	4·50	1·40	3·48	1·65	4·20	1·80	1·86	5·66	7·00	4·79	4·12	42·59
Co. Londonderry	1	Londonderry (Dunruadh).....	2·82	3·88	1·43	2·87	1·92	5·13	1·26	2·56	5·51	7·93	4·13	3·27	42·71
,, ...	3	Garvagh (Moneydig)	2·24	4·44	1·20	2·69	1·05	5·19	1·22	2·13	4·47	6·70	5·77	3·69	40·79
,, ...	5	Glenedra Lodge	3·09	7·43	2·15	4·71	1·27	6·69	1·70	3·66	7·28	9·92	8·08	5·68	61·66
,, ...	5	Bellarena	2·36	3·17	1·11	2·99	1·37	3·51	1·30	2·87	4·32	7·10	3·78	3·53	37·41
Co. Tyrone.....	2	Castlecaulfield (Parkanaur).....	1·91	3·61	1·71	3·13	·79	4·69	1·09	1·92	4·82	4·87	5·56	3·66	37·76
,, ...	3	Omagh (Edenfel).....	2·40	5·10	1·54	2·66	1·18	4·45	1·36	3·17	5·61	5·33	5·79	3·69	42·28
,, ...	3	Sion Mills (Sion House).....	2·87	4·26	1·56	3·45	1·00	4·47	1·09	3·49	5·74	7·64	4·21	3·35	43·13
Co. Donegal....	1	Malin Head (C.Guard Stn.)	2·34	3·17	1·34	3·03	1·22	3·19	1·89	2·96	5·22	7·82	3·73	3·31	39·22
,, ...	2	Buncrana Rectory.....	2·95	3·73	1·44	3·44	1·49	4·80	1·25	2·72	4·68	7·67	4·22	4·12	42·51
,, ...	3	Dunfanaghy (St. Patrick's).....	2·98	3·61	1·48	3·25	1·04	5·33	1·77	2·84	4·89	5·41	3·80	3·69	40·09

Table XXI.—*Monthly Rainfall in* 1935; *the Average,* 1881–1915, *being taken as* 100.

County and River Division.	Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
London..... 2	St. Pancras (Camden Square).....	59	132	20	200	61	139	38	82	166	103	162	110	104
Kent..... 1	Tenterden (Ashenden).....	65	280	13	228	105	109	16	162	179	119	213	128	135
,, ... 2	Margate (Cliftonville)	101	145	3	174	76	121	13	117	130	67	181	78	99
,, ... 4	Edenbridge (Falconhurst)	47	219	18	193	97	133	70	151	197	125	204	118	132
Sussex..... 1	Compton (Compton House).....	30	169	36	221	54	159	53	111	168	115	227	105	120
,, ... 5	Eastbourne (Wilmington Square)..	33	185	30	209	75	102	9	174	237	113	202	107	125
Hampshire..... 1	Ventnor (Royal National Hosp.)...	61	165	72	214	82	128	11	188	169	102	266	135	135
,, ... 3	Fordingbridge (Oaklands)	28	175	40	198	94	289	28	118	159	159	240	138	140
,, ... 8	Sherborne St. John.....	22	164	26	207	41	227	24	125	183	116	184	103	117
Hertfordshire.... 3	Royston (Therfield Rectory).....	101	132	32	188	68	117	38	42	208	103	172	97	104
Buckinghamshire 3	Slough (Upton)	44	132	31	205	71	189	69	86	205	93	205	105	118
Oxfordshire..... 3	Oxford (Magdalen College).....	34	113	30	214	95	193	24	74	260	132	176	124	122
Northamptonshire 4	Wellingborough (Swanspool)	54	144	26	213	49	144	35	87	233	131	168	122	114
Cambridgeshire.. 2	March	107	107	23	208	36	151	14	59	171	90	160	94	98
Essex 4	Chelmsford (County Laboratory)..	110	144	44	208	82	184	52	82	184	110	191	94	121
Suffolk 3	Rendlesham Hall.....	134	191	36	147	120	142	14	80	212	118	182	105	120
,, ... 4	Lowestoft (Secondary School).....	150	121	43	142	82	111	38	110	183	82	131	81	104
,, ... 5	Bury St. Edmunds (Westley H.) ..	146	176	42	162	70	147	34	44	228	89	166	101	112
Norfolk..... 1	Sprowston (Oak Lodge)	162	125	34	139	68	165	36	49	135	94	145	66	98
,, ... 3	Wells (Holkham Hall)	137	155	22	211	24	135	35	28	183	135	149	90	105
Wiltshire 3	Bishops Cannings	37	123	48	243	64	248	26	77	251	61	212	115	133
Dorsetshire 3	Weymouth (Westham).....	25	144	53	187	125	190	19	123	139	128	231	132	127
South Devonshire 5	Teignmouth (Den Gardens)	17	152	53	182	160	206	4	123	133	92	181	114	114
,, 6	Cullompton	26	168	47	208	95	173	23	70	186	100	170	115	111
North Devonshire 2	Barnstaple (N. Dev. Athenæum)...	35	134	48	205	117	117	38	109	171	142	141	95	112
,, 3	Okehampton (Uplands).....	28	169	51	248	115	191	27	61	221	127	163	99	119
Cornwall..... 2	Penzance (Morrab Gardens).....	50	135	37	183	75	139	14	73	120	116	157	95	100
,, ... 2	St. Austell (Trevarna).....	40	137	46	226	90	146	18	132	138	110	162	98	110
Somersetshire ... 1	Litton (Sherborne Res.)	32	128	34	216	62	178	16	48	259	125	216	107	115
Gloucestershire.. 7	Cirencester (Gwynfa)	31	127	22	245	64	164	28	69	264	160	217	114	124
Shropshire..... 3	Church Stretton (Woolstaston)	47	206	48	177	26	138	27	39	223	143	238	121	117
Staffordshire 2	Market Drayton (Old Springs).....	48	154	27	183	37	111	18	44	191	144	182	103	100

Table XXI.—*Monthly Rainfall in* 1935; *the Average,* 1881–1915, *being taken as* 100 (*con.*)

County and River Division.	Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Worcestershire .. 1	Malvern (Free Library)	35	108	41	247	31	161	16	66	219	112	238	139	116
Warwickshire ... 1	Alcester (Ragley Hall)	51	104	35	248	70	165	21	41	213	120	219	141	116
,, ... 4	Birmingham (Edgbaston)	52	152	34	201	83	101	17	80	211	121	244	133	117
Leicestershire ... 4	Grantham (Belvoir Castle Gdns.)	90	129	43	156	28	135	8	53	226	114	191	115	104
Lincolnshire..... 3	Boston (Black Sluice, Skirbeck)	149	111	24	155	18	116	18	60	122	94	192	116	96
,, ... 4	Louth (Westgate)	102	148	24	166	16	93	9	87	213	122	191	90	104
Nottinghamshire 5	Worksop (Hodsock)	95	164	39	110	21	173	22	44	223	106	206	111	105
Derbyshire..... 6	Derby (L.M. & S. Rly.)	38	136	40	199	20	126	14	48	252	133	227	140	111
Cheshire 3	Birkenhead (Bidston Obs'y.)	60	132	40	108	89	155	88	48	200	102	103	103	109
S. Lancashire.... 3	Manchester (Whitworth Park)	82	158	54	143	40	121	42	58	219	159	173	101	110
C. ,, ... 1	Stonyhurst (College)	75	226	41	129	41	121	77	32	229	241	107	74	114
C. ,, ... 3	Southport (Hesketh Park)	68	150	42	104	65	176	26	64	235	138	118	98	107
N. ,, ... 1	Ulverston (Poaka Beck)	77	149	39	131	31	158	38	86	220	142	109	80	105
Yorkshire, W.R. . 8	Wakefield (Clarence Park)	58	118	47	146	31	97	32	73	226	162	230	101	108
,, E.R... 3	Hull (Pearson Park)	103	179	36	132	25	104	9	65	245	120	170	93	103
,, N.R... 1	West Witton (Ivy House)	49	175	29	148	42	157	27	83	258	135	196	58	110
,, ,, .. 2	Felixkirk (Mount St. John)	140	178	43	166	68	154	42	114	237	132	209	112	130
,, ,, .. 3	York (Museum Gardens)	109	175	46	121	54	115	14	88	319	178	196	108	123
,, ,, .. 5	Scarborough	119	194	34	147	58	111	21	45	202	125	172	104	107
,, ,, .. 6	Middlesbrough (Albert Park)	132	232	34	181	36	142	19	84	241	126	176	99	117
Northumberland. 3	Newcastle (Leazes Park)	142	173	27	215	60	138	21	89	187	148	164	92	117
,, . 4	Bellingham (Highgreen)	69	136	38	151	39	174	35	74	177	134	121	50	96
,, . 6	Ilderton (Lilburn Tower Gdns.)	81	98	55	179	47	174	38	149	136	98	118	104	105
Cumberland..... 1	Carlisle (Scaleby Hall)	61	204	54	176	36	165	52	58	168	181	104	55	105
,, ... 2	Keswick (Derwent Island)	70	205	30	143	24	169	61	55	228	166	87	48	105
Westmorland.... 1	Appleby (Castle Bank)	69	153	49	158	35	141	25	50	240	142	91	48	96
Monmouthshire.. 3	Abergavenny (Larchfield)	27	123	26	223	25	189	14	45	212	94	173	126	105
Glamorganshire.. 3	Ystalyfera (Wern House)	34	162	29	195	69	205	53	48	243	141	158	55	108
,, .. 5	Cardiff (Ely Pumping Station)	24	118	34	200	47	148	19	53	267	130	151	74	102
Carmarthenshire. 2	Carmarthen (Model & Prac. Sch.)	40	158	29	199	78	200	19	45	212	126	193	74	111
Pembrokeshire .. 4	Pembroke (Stacpole Court)	44	155	30	192	43	148	41	47	199	113	161	81	103
Radnorshire..... 1	Birmingham W.W. (Tyrmyndd)	50	164	42	222	64	180	26	40	289	141	151	79	114
Montgomeryshire 4	Newtown (Penarth Weir)	46	157	38	192	41	134	26	40	263	162	144	90	109

Table XXI.—*Monthly Rainfall in* 1935; *the Average,* 1881–1915, *being taken as* 100 (*con.*)

County and River Division.	Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Montgomeryshire 5	Lake Vyrnwy	44	244	50	205	35	177	53	29	304	207	133	68	123
Merionethshire .. 3	Blaenau Festiniog (Oakeley Q.)	66	238	49	133	45	170	40	65	232	237	111	59	116
,, .. 4	Dolgelley (Bontddu)	68	164	42	170	76	239	42	68	194	178	125	60	114
Carnarvonshire .. 2	Llandudno (Cricket Ground)	59	151	34	111	70	135	15	64	218	168	119	58	101
Anglesey	Holyhead (Salt Island)	63	137	35	109	72	153	13	57	224	118	145	84	101
Isle of Man	Douglas (Borough Cemetery)	63	135	53	153	42	163	48	42	178	131	126	103	103
Channel Islands	Guernsey, St. Peter Port (Grange Rd.)	34	228	62	174	106	197	45	61	123	99	189	202	131
Wigtownshire ... 3	Port William (Monreith)	54	124	44	139	23	135	63	41	177	168	138	110	103
Kirkcudbrightshire 3	Dalry (Glendarroch)	45	124	37	145	29	198	58	37	163	169	130	64	96
,, 4	Auchencairn (Torr House)	29	141	39	139	24	149	68	62	182	164	149	76	102
Dumfriesshire ... 3	Dumfries (Crichton Roy. Inst.)	47	134	37	163	29	186	44	83	162	181	181	65	108
Roxburghshire .. 3	Hawick (Wolfelee)	71	99	35	134	45	171	48	100	145	158	105	46	94
Peebleshire 2	Stobo Castle	50	100	44	158	52	113	51	44	154	218	157	53	97
Berwickshire 4	Marchmont House	80	88	57	159	42	178	42	95	108	116	125	64	95
East Lothian 5	North Berwick Reservoir	49	77	76	234	50	178	42	114	113	155	169	73	109
Midlothianshire .. 5	West Calder (Addiewell)	64	143	52	195	32	98	44	43	203	215	126	44	101
,, .. 5	Edinburgh (Blackford Hill)	72	103	46	202	45	107	22	79	158	233	170	48	105
Ayrshire 8	Girvan (Pinmore)	74	131	49	98	36	121	60	38	116	195	121	57	93
,, ...13	Glen Afton (Ayr Sanatorium)	71	197	67	153	32	178	62	30	159	210	135	75	112
Renfrewshire 3	Shaws W.W. (Loch Thom)	60	186	58	115	25	123	78	57	176	243	105	75	109
Argyllshire 2	Loch Sunart (Glenborrodale)	114	164	86	90	33	91	118	126	149	177	95	59	111
,, ... 8	Lochgilphead (Poltalloch)	102	168	91	106	29	142	118	110	178	256	108	79	126
,, ...11	Inveraray Castle Gardens	79	186	77	82	30	173	78	102	231	326	120	66	131
,, ...14	Islay (Eallabus)	75	105	51	129	43	93	79	102	195	236	140	85	115
,, ...14	Tiree	68	118	66	128	39	83	60	120	137	159	146	72	102
Kinross-shire 2	Loch Leven Sluice	23	85	34	184	26	130	52	92	198	186	114	56	95
Fifeshire 3	Leuchars (Aerodrome)	58	67	57	162	43	201	30	54	159	140	177	77	98
Perthshire 1	Loch Dhu	46	147	49	122	12	146	48	74	192	239	83	53	99
,, ... 7	Crieff (Strathearn Hydro)	28	97	51	154	10	259	30	55	172	157	110	65	95
,, ...14	Blair Atholl (Blair Castle Gdns.)	46	148	82	136	30	302	26	68	194	182	123	41	108
Angus 4	Montrose (Sunnyside Asylum)	59	108	93	216	55	244	63	65	207	139	171	87	120
Aberdeenshire ... 1	Balmoral Castle Gdns.	81	108	58	239	61	177	25	71	152	155	133	46	105
,, ... 2	Aberdeen Observatory	79	84	85	222	69	247	103	87	191	104	144	99	121

Table XXI.—*Monthly Rainfall in* 1935 ; *the Average,* 1881–1915, *being taken as* 100 (*con.*)

County and River Division.	Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Aberdeenshire ... 4	New Deer Schoolhouse	118	102	85	213	78	97	75	80	243	99	157	117	120
Morayshire..... 2	Fochabers (Gordon Castle)	105	113	86	173	71	75	73	95	148	110	86	97	101
,, ... 3	Grantown-on-Spey	83	89	58	149	97	120	44	88	179	190	76	67	102
Nairnshire 2	Nairn (Golf Course)	62	122	73	155	84	158	48	124	162	201	111	73	113
Inverness-shire .. 6	Loch Ness (Foyers).....	88	218	60	122	46	147	27	117	177	250	114	26	113
,, .. 7	Loch Quoich (Glenquoich)	101	175	59	66	34	121	102	87	180	235	65	39	105
,, ..13	Arisaig House.....	103	126	96	68	37	96	120	132	126	181	78	61	104
,, ..17	Glenleven (Corrour)	53	223	107	93	19	158	62	91	236	216	108	33	114
Ross and Cromarty 4	Alness (Ardross Castle).....	56	125	72	172	93	212	37	106	146	214	76	66	110
,, 7	Ullapool	94	131	97	76	80	113	92	103	177	163	62	47	101
,, 9	Achnashellach.....	109	203	78	68	50	69	140	80	160	188	37	40	102
,, 10	Stornoway (Matheson Rd.)	119	117	100	84	81	120	86	99	199	174	63	57	107
Sutherlandshire.. 1	Lairg.....	156	184	80	95	87	141	56	91	162	168	82	99	117
,, .. 4	Tongue	92	93	98	97	68	144	69	150	202	160	53	84	107
,, .. 5	Loch More (Achfary).....	172	152	123	71	95	80	171	124	195	230	65	67	130
Caithness-shire .. 2	Wick (C. Guard Station)	145	113	85	144	27	51	99	107	164	154	145	100	114
Shetland	Baltasound (Halligarth)	94	111	128	108	58	123	297	157	175	157	82	115	130
Co. Cork..... 6	Dunmanway (The Rectory).....	18	94	44	125	29	209	18	65	216	59	107	65	82
,, ,, ... 7	Cork (University College)	21	79	51	126	31	210	18	79	254	54	114	84	89
,, ,, ... 9	Mallow (Longueville).....	26	101	56	119	38	242	34	67	268	89	134	73	97
,, Kerry..... 3	Valentia Observatory	19	97	48	101	43	255	36	98	149	88	153	64	92
,, ,, ... 3	Gap of Dunloe (Gearhameen)	35	162	42	137	36	198	26	68	170	101	136	60	94
,, Waterford... 3	Waterford (Gortmore)	17	94	57	140	30	184	27	27	247	76	132	70	87
,, Tipperary ... 1	Nenagh (Castle Lough).....	43	123	68	112	56	210	34	145	192	128	126	43	103
,, ,, ... 3	Cashel (Ballinamona)	36	101	68	113	46	319	39	63	231	95	125	61	100
,, Limerick.... 2	Foynes (Coolnanes)	42	124	85	154	48	175	52	94	213	122	141	56	105
,, Wexford 4	Gorey (Courtown House).....	26	109	50	141	40	220	31	49	204	91	128	66	93
,, Carlow 2	Bagnalstown (Fenagh House)	27	123	44	89	36	151	22	42	185	71	148	63	81
,, ,, ... 3	Hacketstown Rectory	39	121	50	120	37	165	36	54	163	78	129	66	86
,, Leix..... 2	Abbey Leix (Blandsfort).....	45	148	66	109	44	216	33	97	202	99	143	62	103

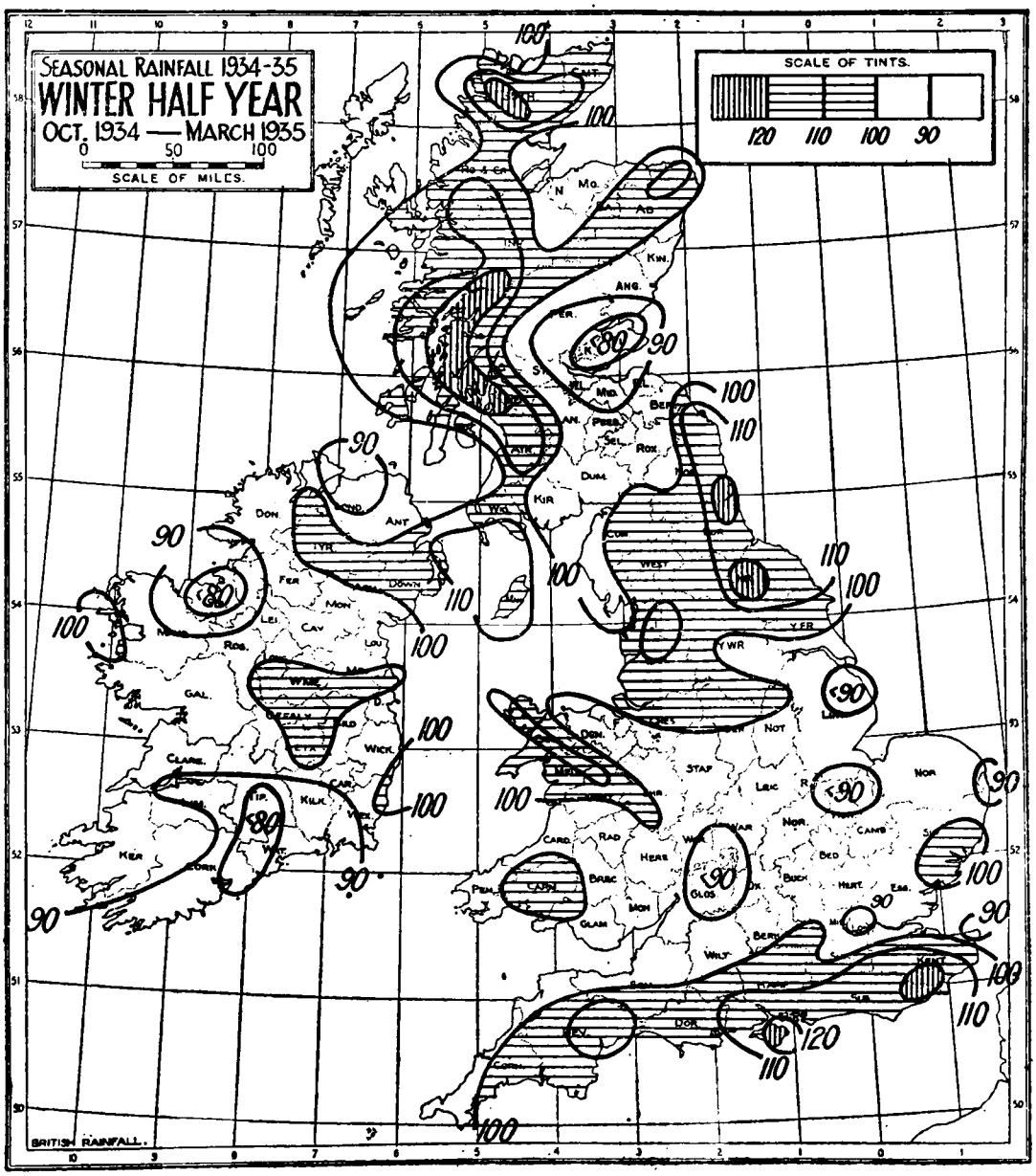
Table XXI.—*Monthly Rainfall in* 1935; *the Average,* 1881–1915, *being taken as* 100 (*con.*)

County and River Division.	Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Co. Offaly 1	Birr Castle	44	132	57	82	47	207	32	85	247	133	130	45	100
„ Kildare 2	Straffan House	57	180	26	114	87	166	27	81	203	106	123	51	98
„ Dublin 3	Balbriggan (Ardgillan) No. 1	45	168	38	142	70	178	25	58	201	93	184	87	104
„ Meath 4	Kells (Headfort)	50	163	43	111	44	150	25	92	226	107	130	84	100
„ Westmeath .. 1	Mullingar (Belvedere)	46	163	77	123	73	244	28	91	218	137	129	71	113
„ Longford 2	Newtownforbes (Cas. Forbes Gdns.)	47	117	70	124	32	170	25	71	287	117	119	55	99
„ Galway 3	Ballynahinch Castle	58	94	48	133	49	299	77	135	160	128	173	70	114
„ „ 5	Ahascragh (Clonbrock)	44	136	71	114	58	196	30	58	235	132	123	49	99
„ Roscommon. 4	Strokestown (Castlenode)	51	120	74	116	46	206	31	59	254	138	119	61	102
„ Mayo 3	Blacksod Point	46	123	52	134	41	202	55	81	146	136	107	41	93
„ „ 4	Westport House	49	122	53	107	76	215	33	92	172	173	143	58	105
„ „ 5	Delphi Lodge	60	115	41	90	51	188	86	115	141	148	127	55	99
„ Sligo 2	Collooney (Markree Castle)	91	113	64	159	62	166	31	73	183	150	111	83	105
„ Fermanagh . 1	Newtownbutler (Crom Castle)	54	139	50	139	23	183	27	78	198	132	145	81	101
„ Armagh 5	Armagh (Observatory)	57	147	53	100	35	162	39	77	154	122	137	74	95
„ Down 1	Newry (Bridge Street House)	39	164	32	92	33	154	19	66	158	103	152	86	91
„ „ 2	Seaforde	42	121	37	125	33	172	38	35	199	105	145	110	96
„ „ 4	Donaghadee (Coastguard Station) .	45	127	59	85	30	150	30	53	170	150	151	95	95
„ Antrim 5	Ballymena (Harryville)	57	139	44	132	58	144	52	44	182	190	118	93	103
„ Londonderry 5	Londonderry (Creggan Reservoir) ..	92	151	47	133	76	182	40	56	177	240	106	89	113
„ „ 5	Bellarena	71	106	36	127	57	130	40	72	142	199	98	90	97
„ Tyrone 3	Omagh (Edenfel)	68	171	49	101	46	158	40	74	184	145	152	87	105
England	(general mean*, 58 stations)	**73**	**156**	**37**	**182**	**63**	**150**	**29**	**82**	**202**	**122**	**175**	**100**	.. ‡
Wales	(„ „ 12 „)	**47**	**164**	**37**	**179**	**55**	**173**	**30**	**50**	**238**	**151**	**147**	**76**	..
England and Wales ..	(„ „ 70 „)	**68**	**157**	**37**	**181**	**62**	**154**	**29**	**76**	**208**	**147**	**170**	**96**	..
Scotland	(„ „ 43 „)	**78**	**131**	**70**	**139**	**48**	**145**	**70**	**88**	**172**	**185**	**115**	**68**	..
Ireland	(„ „ 35 „)	**46**	**128**	**53**	**119**	**47**	**194**	**35**	**74**	**198**	**121**	**133**	**70**	..
British Isles †	(„ „ 150 „)	**66**	**143**	**50**	**154**	**54**	**161**	**43**	**79**	**195**	**142**	**145**	**83**	..

*The "general" values given in the last six rows are obtained by taking the means of the percentage values for the stations.
† Including Isle of Man and St. Peter Port, Guernsey. ‡ See Table XXIII.

9. SEASONAL RAINFALL, 1934-35.

There are definite advantages in considering the rainfall of the winter and summer separately. One defect of the calendar year

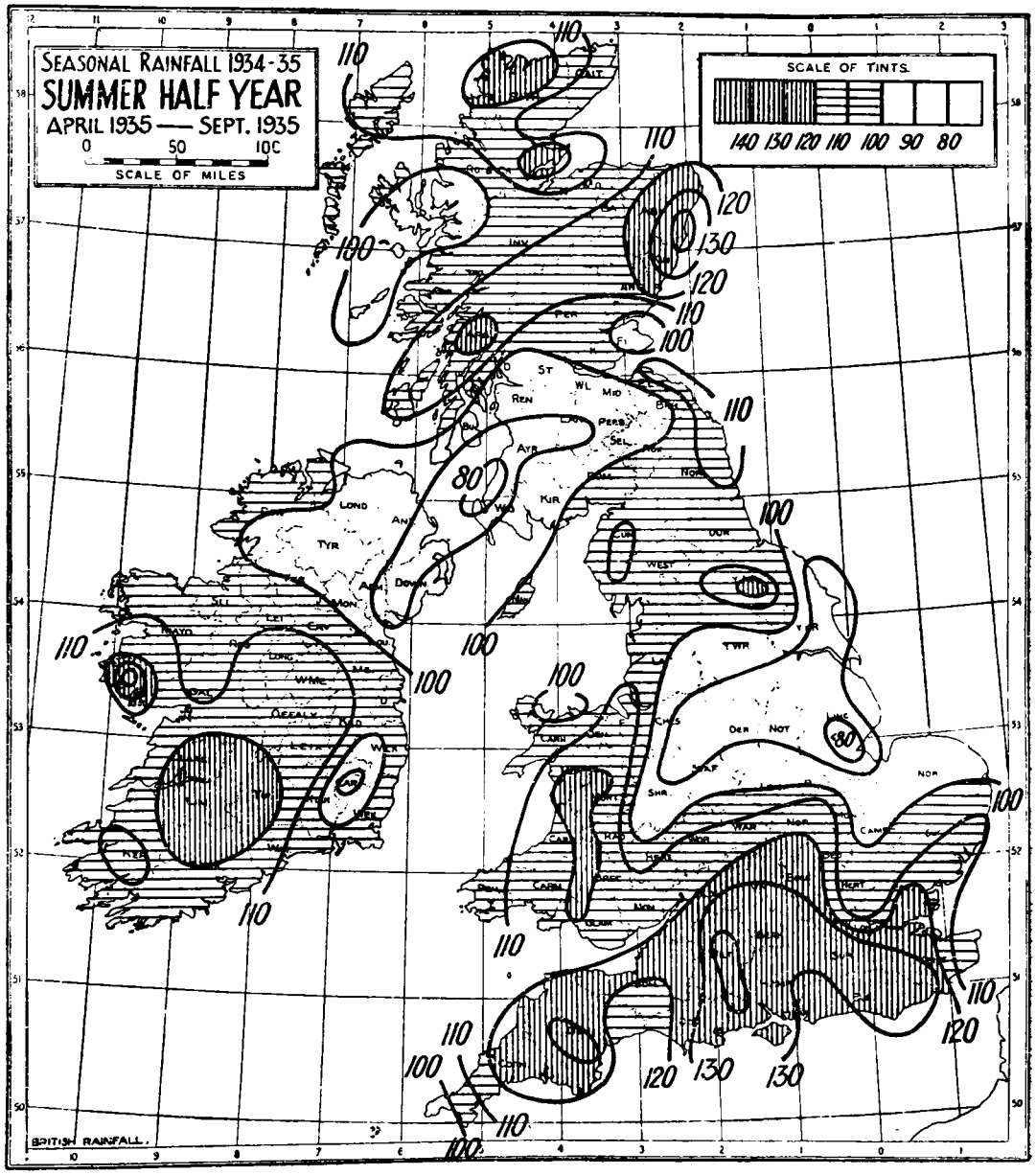


Rainfall, Winter Half-year, as per cent of average.

as a unit of time for rainfall purposes is that part of a winter is included in one calendar year and the other part in another year.

Winter rainfall has a special economic importance, for, except in the wettest areas, the summer rainfall is, for the most part, lost by evaporation or absorbed by vegetation.

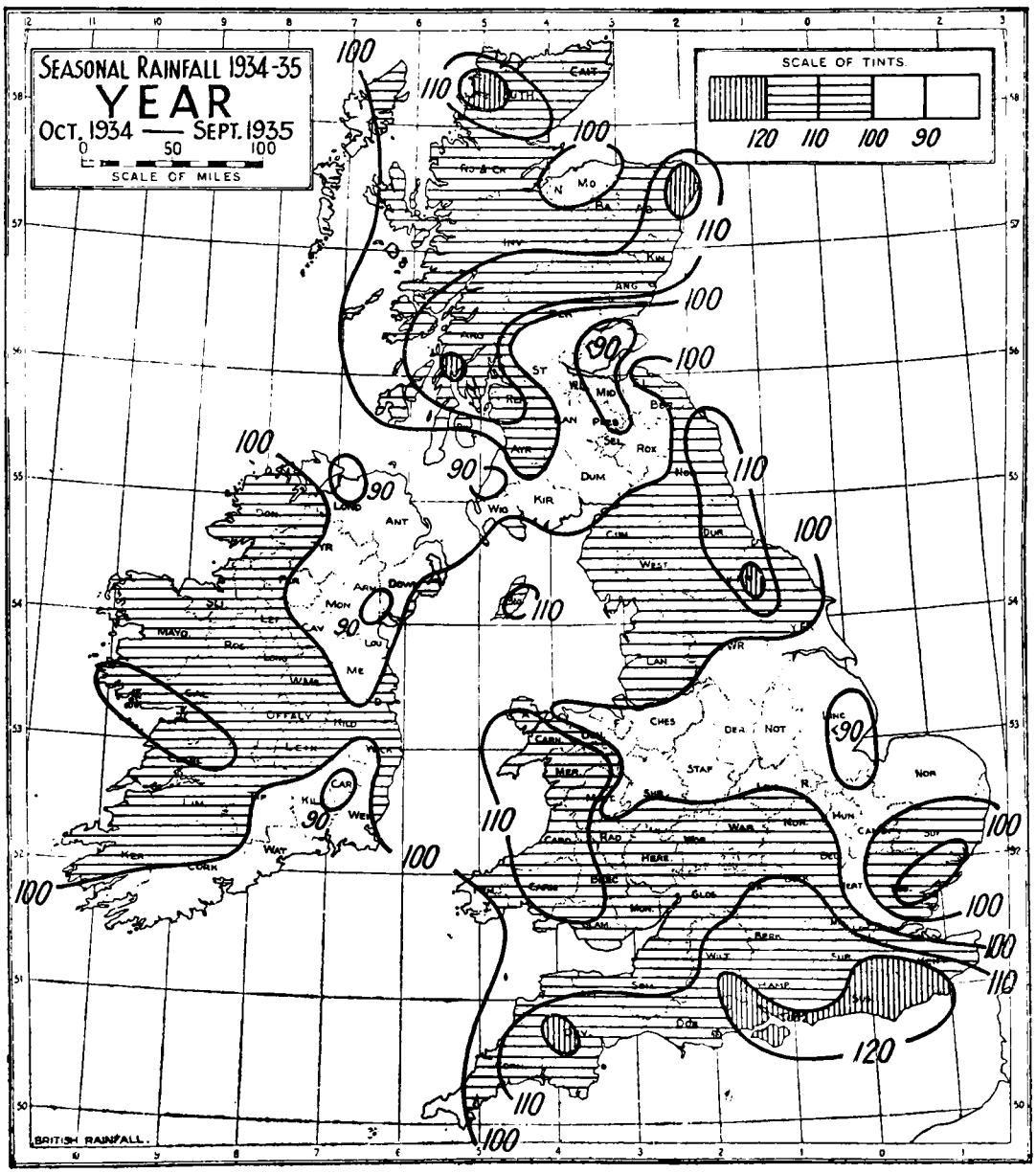
In this section the rainfall of the winter season, 1st October, 1934, to 31st March, 1935, and of the summer season, 1st April,



Rainfall, Summer Half-year, as per cent of average.

1935, to 30th September, 1935, is dealt with, as well as the rainfall of the whole seasonal year, 1st October, 1934, to 30th September, 1935. It is natural to associate a summer season with the preceding rather than with the following winter season, since the water required

in summer for replenishing streams and for the needs of animal and vegetable life is derived, in part, from that which has been naturally stored during the previous winter season. One section of *British Rainfall* has been devoted to this subject since the volume for 1908, and three maps and Table XXII similar to those introduced in that volume, are now reproduced.



Rainfall, Seasonal Year, as per cent of average.

Table XXII contains rainfall values for each of these two seasons for the stations shown in Section 8 on Monthly Rainfall. The values are expressed as percentages of the average fall for the season and

the station. The table gives in the fourth column the corresponding percentages for each station for the whole of the seasonal year. These last figures are not always the mean of the percentages for the two seasons, but often show a bias towards the winter value rather than that of the summer. This is due to the fact that the average rainfall for the winter is, in general, greater than that for the summer.

The *winter* half-year included three dry months, November, 1934, January and March, 1935 with 59, 66 and 50 per cent. of the respective averages over the British Isles generally, while December, 1934, and February, 1935, were wet with excesses for the whole country of 60 and 43 per cent. respectively. The remaining month October, 1934, was wet in Scotland and Ireland but rather dry over England.

The general rainfall for the whole country for the *winter* half-year approximated closely to the average, with a 2 per cent. excess in England and Wales, and a 5 per cent. deficiency in Ireland. The map shows that there were no large departures from the average in any district. The largest percentage excess of rainfall occurred in parts of Sutherland and Argyll, and locally in north-east England, the Isle of Wight, south-east England and the Channel Isles where the rainfall was over 120 per cent. of the average. The greatest percentage deficiency occurred to the north of Edinburgh, in Co. Sligo and in the south of Ireland where there was less than 80 per cent. of the average. At St. Peter Port, Guernsey, the total fall was 26·69 inches, an excess of 6·04 inches or 29 per cent. above the average, while at Loch Leven Sluice, in Kinrossshire, the total fall was 14·04 inches, a deficiency of 5·90 inches or 30 per cent. below the average. The general rainfall of the winter 1934 to 1935 over the British Isles amounted to 23·5 inches.

The *summer* half-year included three wet months, April, June and September, 1935, with 154, 161 and 195 per cent. of the respective averages over the British Isles generally. The months of May, July and August were dry, their percentages of the respective averages for the British Isles as a whole being 54, 43 and 79. The general rainfall for the British Isles as a whole was 110 per cent. of the average ; England and Wales had an excess of 13 per cent., Scotland an excess of 9 per cent. and Ireland an excess of 8 per cent. The map shows that the areas of largest excess of rainfall were in southern England, east and north Scotland, central Wales and locally to the north of York and in the south-west of Ireland. Locally the excess was over 40 per cent. in Wiltshire, at Aberdeen and at Ballynahinch Castle in Co. Galway. At Bishops Cannings, the total fall was 20·68 inches, an excess of 6·51 inches or 46 per cent. above the average. The chief areas of deficient rainfall were a large part of the Midlands and Eastern England, north-east and south-east Ireland and south-west Scotland.

At Boston, in Lincolnshire, the total fall was 8·51 inches, a deficiency of 2·77 inches or 25 per cent. below the average. The general rainfall of the summer half-year of 1935 over the British Isles amounted to 20·1 inches, or 1·7 and 6·3 inches more than in the summers of 1934 and 1933 respectively.

For the *seasonal* year, the map shows no large departures from the average. The areas of excess of rainfall were situated in north and central Scotland, north England, Wales, southern England and western Ireland. The largest excess (over 20 per cent.) occurred locally in Sutherlandshire, Aberdeenshire, at Poltalloch, to the north of York, in south-east England, at Okehampton and the Channel Islands. The chief areas where rainfall was below the average were in the Midlands, eastern England, north-east and south-east Ireland and southern Scotland. At Ventnor the total rainfall for the seasonal year was 37·00 inches an excess of 8·14 inches or 28 per cent., while at Tenterden the corresponding figures were 35·11 inches, 7·61 inches and 28 per cent. On the other hand at Boston the total rainfall for the seasonal year amounted to 19·47 inches, a deficiency of 3·34 inches or 15 per cent. below the average. The general rainfall for the seasonal year over the British Isles was 43·6 or 8·4 and 5·1 inches more than in the seasonal years 1933–34 and 1932–33 respectively.

Table XXII.—*Seasonal Rainfall*, 1934–35, *in relation to the Average*, 1881–1915.

Station.‡	Winter 6 Months, Oct. 1934–Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935–Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934–Sept. 1935. Per cent. of Average.	Station.‡	Winter 6 Months, Oct. 1934–Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935–Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934–Sept. 1935. Per cent. of Average.
St. Pancras (Camden Square)	89	108	99	St. Austell (Trevarna)	102	123	110
Tenterden (Ashenden)	125	132	128	Litton (Sherborne Res.)	94	122	106
Margate (Cliftonville)	85	102	93	Cirencester (Gwynfa)	86	131	106
Edenbridge (Falconhurst)	117	140	127	Church Stretton (Woolstaston)	106	96	101
Compton (Compton House)	114	124	119	Market Drayton (Old Springs)	96	87	92
Eastbourne (Wilmington Square)	119	139	127	Malvern (Free Library)	91	115	102
Ventnor (Royal National Hosp.)	125	132	128	Alcester (Ragley Hall)	86	115	101
Fordingbridge (Oaklands)	111	144	124	Birmingham (Edgbaston)	93	107	100
Sherborne St. John	100	133	114	Grantham (Belvoir Cas. Gdns.)	92	91	92
Royston (Therfield Rectory)	94	101	97	Boston (Black Sluice, Skirbeck)	95	75	85
Slough (Upton)	100	135	116	Louth (Westgate)	89	92	90
Oxford (Magdalen College)	91	135	112	Worksop (Hodsock)	102	89	95
Wellingborough (Swanspool)	93	119	106	Derby (L.M.&S. Rly)	91	98	95
March	84	97	90	Birkenhead (Bidston Obsy.)	105	112	108
Chelmsford (County Gardens)	99	126	112	Manchester (Whitworth Park)	108	97	103
Rendlesham Hall	106	114	110	Stonyhurst (College)	114	102	108
Lowestoft (Secondary School)	89	109	99	Southport (Hesketh Park)	104	109	107
Bury St. Edmunds (Westley H.)	98	107	102	Ulverston (Poaka Beck)	98	109	103
Sprowston (Oak Lodge)	95	93	94	Wakefield (Clarence Park)	92	92	92
Wells (Holkham Hall)	97	93	95	Hull (Pearson Park)	98	88	93
Bishops Cannings	93	146	118	West Witton (Ivy House)	100	113	105
Weymouth (Westham)	107	130	116	Felixkirk (Mount St. John)	126	123	125
Teignmouth (Den Gardens)	110	130	118	York (Museum Gardens)	108	107	108
Cullompton	114	119	116	Scarborough	114	88	102
Barnstaple (N. Dev. Athenæum)	98	123	108	Middlesbrough (Albert Park)	118	104	111
Okehampton (Uplands)	109	139	121	Newcastle (Leazes Park)	128	109	119
Penzance (Morrab Gardens)	96	98	97	Bellingham (Highgreen Manor)	99	101	100
				Ilderton (Lilburn Tower Gardens)	118	118	118

‡ For Counties see Table XXI, pp. 115–119.

Table XXII.—*Seasonal Rainfall, 1934-35, in relation to the Average, 1881-1915—(con.).*

Station.‡	Winter 6 Months, Oct. 1934-Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935-Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934-Sept. 1935. Per cent. of Average.	Station.‡	Winter 6 Months, Oct. 1934-Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935-Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934-Sept. 1935. Per cent. of Average.
Carlisle (Scaleby Hall)	101	101	101	Girvan (Pinmore)	98	76	89
Keswick (Derwent Island)	103	111	106	Glen Afton (Ayr Sanatorium)	116	95	107
Appleby (Castle Bank)	103	101	102	Shaws W.W. (Loch Thom)	121	97	111
Abergavenny (Larchfield)	94	114	102	Loch Sunart (Glenborrodale)	110	108	109
Ystalyfera (Wern House)	101	128	112	Lochgilphead (Poltalloch)	123	119	121
Cardiff (Ely Pumping Station)	90	117	102	Inveraray Castle Gardens	111	122	116
Carmarthen (Model and Prac. Sch.)	104	119	110	Islay (Eallabus)	101	112	106
Pembroke (Stackpole Court)	93	109	99	Tiree	106	97	102
Birmingham W.W. (Tyrmynydd)	98	129	110	Loch Leven Sluice	70	108	87
Newtown (Penarth Weir)	91	110	99	Leuchars (Aerodrome)	74	96	85
Lake Vyrnwy	112	125	117	Loch Dhu	97	100	98
Blaenau Festiniog (Oakley Q.)	117	110	115	Crieff (Strathearn Hydro)	85	107	94
Dolgelley (Bontddu)	104	125	113	Blair Atholl (Blair Castle Gardens)	105	118	111
Llandudno (Cricket Ground)	95	99	97	Montrose (Sunnyside Asylum)	98	129	113
Holyhead (Salt Island)	115	103	110	Balmoral Castle Gardens	106	113	109
Douglas (Borough Cemetery)	119	107	111	Aberdeen Observatory	99	142	119
Guernsey, St. Peter Port (Grange Rd)	129	116	124	New Deer Schoolhouse	116	127	121
Port William (Monreith)	111	93	103	Fochabers (Gordon Castle)	94	103	98
Dalry (Glendarroch)	92	99	95	Grantown-on-Spey	93	108	100
Auchencairn (Torr House)	91	101	95	Nairn (Golf Course)	80	117	98
Dumfries (Crichton Roy. Inst.)	92	105	98	Loch Ness (Foyers)	101	105	102
Hawick (Wolfelee)	91	104	97	Loch Quoich (Glenquoich)	108	103	106
Stobo Castle	92	90	91	Arisaig House	108	104	106
Marchmont House	98	99	99	Glenleven (Corrour)	122	115	119
North Berwick Reservoir	90	111	101	Alness (Ardross Castle)	90	123	104
West Calder (Addiewell)	89	95	92	Ullapool	97	110	102
Edinburgh (Blackford Hill)	83	91	87	Achnashellach	111	99	107

‡ For Counties see Table XXI, pp. 115-119.

Table XXII.—*Seasonal Rainfall, 1934-1935, in relation to the Average, 1881-1915—(con.).*

Station.‡	Winter 6 Months, Oct. 1934–Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935–Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934–Sept. 1935. Per cent. of Average.
Stornoway (Matheson Road)	94	116	102
Lairg	123	103	115
Tongue	91	124	104
Loch More (Achfary).....	125	128	126
Wick (C. Guard Station)	108	102	105
Baltasound (Halligarth).....	109	157	127
Dunmanway (The Rectory).....	81	110	92
Cork (University College).....	80	119	96
Mallow (Longueville).....	91	124	104
Valentia Observatory	99	112	105
Gap of Dunloe (Gearhameen)....	98	104	100
Waterford (Gortmore).....	84	103	92
Nenagh (Castle Lough).....	95	130	111
Cashel (Ballinamona)	79	126	99
Foynes (Coolnanes).....	89	121	103
Gorey (Courtown House).....	108	109	108
Bagnalstown (Fenagh House)....	90	82	86
Hacketstown Rectory.....	91	91	91
Abbey Leix (Blandsfort).....	101	114	107
Birr Castle.....	93	111	101
Straffan House.....	93	107	100
Balbriggan (Ardgillan) No. 1.....	105	103	104
Kells (Headfort).....	91	104	98
Mullingar (Belvedere).....	110	124	117
Newtownforbes (Cas. Forbes Gdns)	97	114	105

Station.‡	Winter 6 Months, Oct. 1934–Mar. 1935. Per cent. of Average.	Summer 6 Months, Apl. 1935–Sept. 1935. Per cent. of Average.	Twelve Months, Oct. 1934–Sept. 1935. Per cent. of Average.
Ballynahinch Castle.....	95	141	114
Ahascragh (Clonbrock).....	95	110	102
Strokestown (Castlenode)	99	114	106
Blacksod Point.....	100	108	104
Westport House.....	97	114	104
Delphi Lodge.....	100	112	105
Collooney (Markree Castle)	73	109	103
Newtownbutler (Crom Castle) ...	93	102	97
Armagh Observatory	101	92	97
Newry (Bridge Street House)....	92	84	89
Seaforde	106	95	101
Donaghadee (Coastguard Station).	111	83	97
Ballymena (Harryville).....	94	97	96
Londonderry (Creggan Reservoir).	102	104	103
Bellarena	80	92	86
Omagh (Edenfel).....	101	98	100
General Values* England	**102**	**112**	**106**
Wales	**101**	**118**	**107**
England and Wales..	**102**	**113**	**107**
Scotland	**100**	**109**	**104**
Ireland	**95**	**108**	**101**
British Isles†	**100**	**110**	**105**

* Obtained by taking the means of the percentage values for the stations.

† Including Isle of Man and St. Peter Port, Guernsey.

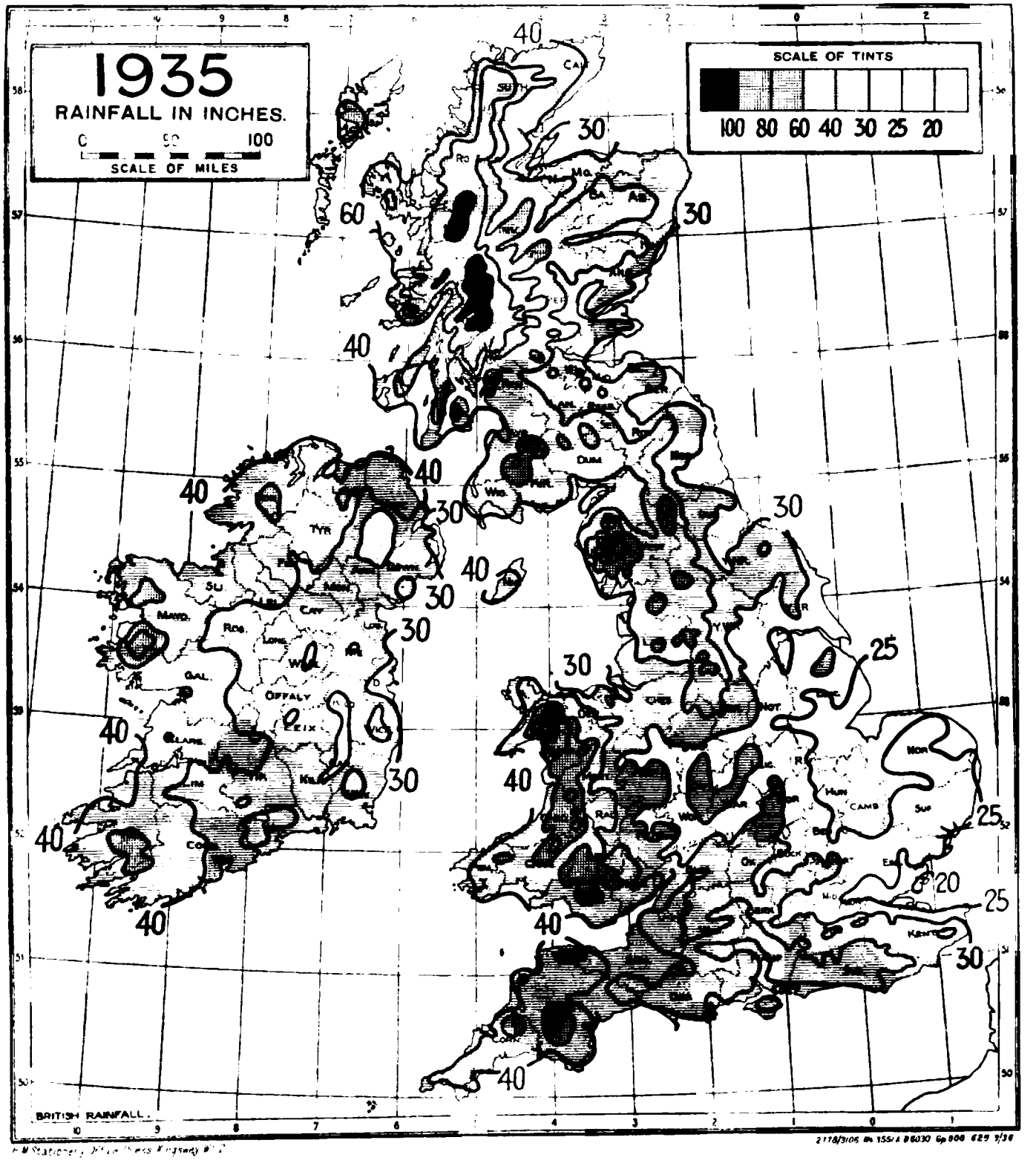
‡ For Counties see Table XXI, pp. 115-119.

10. THE TOTAL FALL OF RAIN IN 1935 AND ITS RELATION TO THE AVERAGE.

The total rainfall for the year is given for over 5,000 stations in the British Isles in the General Table, Part III of this volume. As many of these totals as practicable have been plotted on a map on the scale of 19 miles to the inch. In the districts of relatively few rainfall stations, each record has been plotted, while in the more thickly represented areas some have had to be omitted. Isohyetal lines, or lines of equal rainfall amount, have been drawn giving a cartographical presentation of the distribution of the rainfall of the year over the land. The map is reproduced on a smaller scale as the folding plate opposite this page. Such a map is dominated by the orography of the country to such an extent that not only is it complicated in itself, but it also closely resembles its predecessors, the differences being noticeable only after detailed examination and comparison. The characteristics of a particular year are brought out better by a map such as that opposite p. 131, in which the percentage ratio of the rainfall for the year to the local average is shown. It has been coloured so that blue areas represent regions where the fall in 1935 was more than the average, and red areas represent regions where the fall in 1935 was less than the average for the standard period 1881–1915. The statistics on which the latter map is based are set out in Tables XXI and XXIV.

The percentage map for 1935 shows by means of continuous lines the places where the values of the rainfall were, respectively, 80, 90, 100, 110, 120, 130 and 140 per cent. of the average values.

The annual totals recorded during 1935 varied from 79 per cent. at Banbridge in Co. Down to just over 140 per cent. at isolated stations between Bath and Lewes. In *England* there was less than the average from Kirkby Stephen and Penrith to the Cheviots, in the neighbourhood of the Wash to the north of Hereford and over small areas near Norwich, Margate, Falmouth, Bideford, St. David's and Colwyn Bay. Over more than half the country the rainfall exceeded 110 per cent. There was more than 120 per cent. over a large area in the south of England from Bristol and Bridport in the west to Dover in the east and stretching as far north as Rugby, as well as from Chelmsford to Aldeburgh, near St. Albans, to the south of Nottingham, from Stafford to Macclesfield, and near Halifax, York, Barnard Castle and Durham. Falls of 140 per cent. or more were confined to small areas between Bath and Lewes. Over *Wales* the variation was from rather less than the average at St. David's, Colwyn Bay, Welshpool and east of Herefordshire to over 120 per cent. in the neighbourhood of Bala.



[Face page 128]

There was less than the average in *Scotland* to the south-east of Crieff and Dundee and in parts of the south-west, with less than 90 per cent. near Selkirk and Ailsa Craig. Falls of more than 120 per cent. were confined to Argyllshire and Aberdeenshire and isolated stations near Kilmarnock, Glasgow and in the extreme north. The totals at Ellon in Aberdeenshire, and at Inveraray in Argyllshire were 134 and 131 per cent. respectively. Less than the average occurred at most coastal stations in Ireland as well as over much of the south-east from Co. Kerry to Co. Wicklow, in the upper Shannon Valley, and to the west of Belfast. There was less than 90 per cent. over a large area in the south and south-east and near Lurgan. As much as 110 per cent. was recorded only at isolated stations, e.g. Londonderry, Ballynahinch Castle in Co. Galway and Belfast.

The smallest percentage values in Tables XXI and XXIV are 79 at Banbridge in Co. Down, 81 at Bagnalstown in Co. Carlow, and 82 at Dunmanway in Co. Cork. The largest values were 140 at Fordingbridge and 139 at Marlborough.

Use is made of the percentage values at the 271 stations of both Tables XXI and XXIV to derive general values of the total rainfall for the year over the British Isles and over the larger divisions separately. These values are set out in the following table :—

Table XXIII.—*General Rainfall,* 1935, *compared with average.*

Countries.	No. of Stations.	Average 35 years 1881-1915.	1935	
			Per cent.	Rainfall.
		in.		in.
England	136	32·67	113	36·9
Wales	23	50·14	109	54·6
England and Wales	159	35·23	113	39·8
Scotland	62	50·32	108	54·3
Ireland	48	43·30	98	42·5
British Isles†	271	41·41	109	45·1

† Including Isle of Man and Guernsey, St. Peter Port.

For the British Isles as a whole, the rainfall of 1935 was 9 per cent. in excess of the average and greater than that of any year back to 1931 when the amount was similar. The total of 45·1 inches was 3·7, 11·8 and 2·9 inches more than in 1934, 1933 and 1932 respectively. The total rainfall over England and Wales and over Scotland exceeded the average, while there was a small deficiency over Ireland. Over England and Wales 1935 was wetter than any year since 1930, while over Scotland and Ireland the previous year was wetter.

The general distribution of the actual rainfall, as shown on the folding plate, is similar to that for other years. The total for the year varied from about 20 inches in the neighbourhood of the Thames Estuary to over 150 inches in parts of the English Lake District and Snowdonia. Over practically the whole of Scotland and Ireland, the rainfall exceeded 25 inches. Falls of more than 100 inches were confined to the English Lake District, Snowdonia, parts of central Wales and the Western Highlands.

Among the largest totals reported for the year and set out in the General Table, Part III, the following may be mentioned :—

		Inches.
England ...	Cumberland, Borrowdale (Sprinkling Tarn)	171·25
	,, ,, (Styehead Tarn)	159·10
	,, ,, (Stye Head A.)	157·35
Wales ...	Snowdon (Delta)	163·74
	,, (Grib Goch)	162·97
	,, (L. Llydaw Copper M.)	155·74
Scotland ...	Inverness, Loch Quoich (Loan)	124·62
	Ross & Cromarty, Glenmoriston (Cluanie Inn)	123·62
Ireland ...	Mayo, Delphi Lodge	98·25
	,, Aasleagh House	96·73

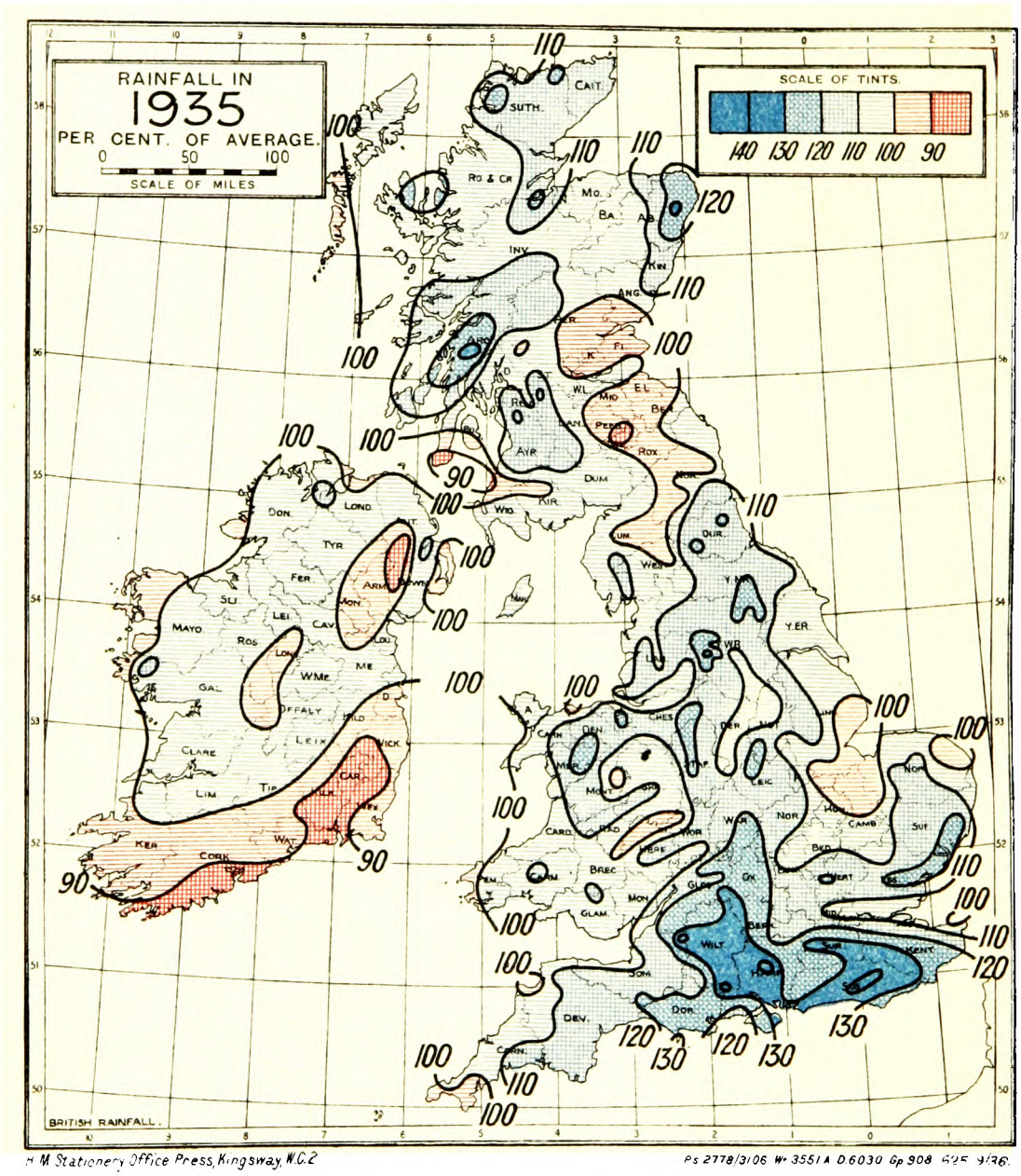
The stations with the largest annual totals during 1935 occurred therefore in the English Lake District and on Snowdon.

Some of the smallest totals for the year are set out below :—

		Inches.
England ...	Essex, Dagenham Sanatorium	17·80
	Cambridge, Stretham Engine	18·39
	Essex, Shoeburyness (New Ranges) ...	18·44
	Lincoln, Tydd (North Level Sluice) ...	19·76
Scotland ...	Fife, Inchkeith (Lighthouse)	21·70
	East Lothian, Dunbar (Public Park) ...	22·45
	,, ,, Dirleton	22·76
Ireland ...	Dublin City (Fitzwilliam Sq.)	23·75
	Dublin (Ringsend Pumping Station) ...	23·83
	,, (Trinity College)	24·07

The smallest totals for the year were therefore recorded at stations in the neighbourhood of the Wash and the Thames estuary.

RELATION OF RAINFALL IN 1935 TO THE AVERAGE OF 1881-1915.


RAINFALL IN
1935
PER CENT. OF AVERAGE.
0 50 100
SCALE OF MILES
SCALE OF TINTS.
140 130 120 110 100 90
BRITISH RAINFALL.
H M Stationery Office Press, Kingsway, W.C.2
Ps 2778/3106 W+ 3551A D.6030 Gp 908 625 9/36.

The area coloured Red had rainfall below the average, that coloured Blue had rainfall above the average.

Table XXIV.—*Rainfall of* 1935 *as Percentage of Average,* 1881-1915.*

County.	Station.	Per cent. of Average.	County.	Station.	Per cent. of Average.
	ENGLAND.		Yorks W.R.	Skipton (Chelker Res.)	113
Surrey	Reigate (Wray Park Rd.)	137	,, E.R.	Patrington (Rose Cottage)	108
Kent	Folkestone (Cherry Gardens)	124	,, ..	Holme-on-Spalding Moor	107
,,	Lympne (Airport)	123	,, ..	Lowthorpe (The Elms)	102
,,	Biggin Hill (Aerodrome)	115	,, N.R.	Pickering (Hungate Hall)	116
Sussex	Patching Farm	134	,, ..	Guisborough (Lockwood Res.)	108
,,	Horsham (Wimblehurst)	126	Durham	Barnard Castle (County Sch.)	126
,,	St. Leonards (Gensing Gardens)	131	,,	Ushaw (College)	118
Hampshire	Totland Bay (Aston House)	116	North'ld	Hallington Res.	97
,, ..	Portsmouth (Victoria Park)	131	,,	Morpeth (Cockle Park)	98
,, ..	Grayshott	127	,, ..	Howick Hall	106
Berkshire	Wellington College	115	Cumberl'd	Penrith (Newton Rigg)	98
,, .	Newbury (Greenham Common)	122	,, .	Borrowdale (Seathwaite)	116
Hertford	Harpenden (Rothamsted)	110	,, .	Ravenglass (The Grove)	103
Oxford	Middleton Park (*new g.*)	121	Westmorl'd	Grasmere (The Wray)	111
N'hants	Oundle (Milton Road)	107			
Bedford	Woburn (Experimental Farm)	109		**WALES.**	
Cambridge	Cambridge (Botanic Gardens)	107	Monmouth	Tredegar	101
Essex	Elsenham (Gaunts End)	109	Carmarth'n	Llanddeusant (Pontcrynfe)	106
,,	Shoeburyness (Great Wakering	108	Pembroke	St. Ann's Head (C. Guard Stn.)	92
,,	Bradwell-on-Sea	122	Cardigan	Yspytty-ystwyth (Hafod)	109
Suffolk	Felixstowe (Aerodrome)	120	Brecon	Glasbury (Gwernyfed Pk.)	99
,,	Campsea Ashe (High House)	126	Montgom'y	Welshpool (County School)	96
Norfolk	Cromer (Howards Hill)	109	Flint	Northop (Soughton Hall)	127
,,	Swaffham (The Villa)	111	Denbigh	Wrexham (Pack Saddle Res.)	118
Wiltshire	Landford (Northlands)	130	,, ..	Denbigh (Garn)	117
,, ..	Marlborough (College)	139	Merioneth	Corwen (Rug Gardens)	120
Dorset	Bere Regis (Bloxworth House)	127	Anglesey	Llanerchymedd (Llwy'thEsgob)	108
,, ..	Beaminster (Farrs)	124			
Devon S.	Plymouth (The Hoe)	115		**SCOTLAND.**	
,, ..	Tavistock	109	Dumfries	Langholm (Ewes)	107
,, N.	Torrington (Enfield)	102	,, ..	Eskdalemuir Obsy	107
Cornwall	Newquay (Mount Wise)	109	Selkirk	Ettrick Manse	88
,, ..	Falmouth (Observatory)	98	Midlothian	Moorfoot Hills (Gladhouse R.)	95
,, ..	Tresco Abbey	94	Ayr	Maybole (Culzean Castle Gdns.)	112
Somerset	Chew Magna	119	Renfrew	Paisley W.W. (Backth'ley'm.)	110
,, ..	Batheaston Reservoir	127	,, ..	Glasgow (Queen's Park)	124
,, ..	Somerton (Butleigh Court)	114	Argyll	Corran Lighthouse	111
,, ..	Milverton (Spring Grove)	112	,,	Glen Etive	118
Gloucester	Cheltenham (Montpellier Gns.)	121	,,	Mull of Kintyre	89
Hereford	Ross (Birchlea)	108	,,	Loch Eck (Benmore)	107
,, ..	Hereford (Belmont Abbey)	112	,,	Lismore (Mousedale)	114
Shropshire	Shifnal (Hatton Grange)	103	Perth	Glengyle	103
Stafford	Leek (Wall Grange)	113	,,	Perth (Wellshill Cemetery)	96
Worcester	Bromsgrove (Tardebigge Res.)	114	Angus	Kirriemuir (Lintrathen)	101
,, .	Stourport (Lincombe Lock)	99	Aberdeen	Braemar (Bank)	101
Warwick	Ryton-on-Dunsmore (Ryton Ho.)	123	,, .	Ellon (Esslemont House)	134
Leicester	Kibworth Beauchamp	116	Ross	Applecross Gdns	114
,, ..	Thornton Reservoir	124	Sutherland	Melvich	125
Lincoln	Spalding (Pode Hole)	101			
,,	Lincoln (Skellingthorpe Hall)	113		**IRELAND.**	
,,	Skegness (Marine Gardens)	95	Kerry	Darrynane Abbey	96
Nottingh'm	Nottingham (Strelley)	116	Tipperary	Cahir (Abbey)	90
,, ..	Retford (Babworth Hall)	106	Wexford	Foulkesmill (Longraigue)	97
Derby	Buxton (Terrace Slopes)	120	Dublin	Dublin (Phœnix Park)	96
Cheshire	Runcorn (Weston Point)	101	W'meath	Athlone (Twyford House)	102
Lancs. C.	Burnley (Swinden) *Lower g.*	110	Louth	Greenore	109
,, ..	Wigan W.W. (Worthington)	114	Galway	Galway (Grammar School)	102
,, N.	Blackpool (Met. Observatory)	105	Mayo	Aasleagh House	102
,, ..	Garstang (Grizedale Res.)	105	Down	Waringstown (The Forge)	90
Yorks W.R.	Slaidburn (Dunsop Houses)	112	,,	Banbridge (Milltown)	79
,, ..	Sheffield (Weston Park)	113	Antrim	Aldergrove (Aerodrome)	89
,, ..	Goole	105	,, ..	Belfast (Queen's Univ.)	113
,, ..	Huddersfield (Oakes)	135	L'derry	Limavady (Drenagh)	100

*See also Table XXI pp. 115-119

11.—EVAPORATION AND PERCOLATION IN 1935.

The *evaporation gauges* in use are square tanks sunk in the ground, and the evaporation which is measured is that from a free water surface. The standard gauge at Camden Square is 6 ft. square and 2 ft. deep, and is sunk so that the lip projects about 3 inches. A photograph showing the Meteorological station, including the tank, at Camden Square was reproduced as the *frontispiece* of *British Rainfall*, 1921. The routine consists of the daily measurement of the level of the water below a mark fixed in the tank. From the difference between consecutive daily measurements, is deducted the rainfall for the same period, as measured in an adjacent rain-gauge. The net depression of the water-level in the tank during the interval of 24 hours is taken to be a measure of the evaporation. Sometimes in winter the "evaporation" comes out as a small negative quantity; this is regarded as due to the condensation of water from the superincumbent air, and the corresponding measurements are marked "c" in the tables. So far as is practicable, the level of the water is kept about 2 to 3 inches below the top of the lip. This necessitates water being added in summer and syphoned off in winter. During the winter months there is some difficulty in getting a reading when the water freezes. In such cases the ice is broken away from the side of the tank and the measurement of the water-level is made while the ice is floating. If this cannot be done any morning, owing to the thickness of the ice, a measurement is made as soon as possible (on a subsequent morning), and the amount of evaporation calculated over the whole period. The evaporation is small in winter, so that little information is lost by adopting this procedure.

The accuracy of the measurements of evaporation depends on the depth of water caught as rain in the evaporation tank being identical with that measured directly in the rain-gauge alongside. Some of the factors which are likely to vitiate the measurements of evaporation were discussed in *British Rainfall*, 1925, pp. 127–128 and in *British Rainfall*, 1931, pp. 268–274.

The list of stations given in Table XXV, for which details of the evaporation are available for 1935, is the same as last year.

The monthly and annual means for the thirteen stations are

set out in the last column of the table. For the year the mean evaporation is 18·3 inches. This is ·5 inch more than in 1934 and only ·2 inch less than in the dry year 1933. The mean monthly values for 1935 appreciably exceeded those for 1934 in only May and August, both May and August, 1935, giving more than the average sunshine over the country as a whole. As much as 15·7 inches or 86 per cent. of the total was evaporated in the six summer months. There is a fairly uniform change from a maximum in July to a minimum in December, although the evaporation in May exceeded that of June. This is accounted for by May, 1935, being dry and sunny and June more cloudy than usual.

Evaporation at Camden Square (*London*). The monthly evaporation values for the 51 years, 1885 to 1935, are set out in Table XXVII. The record is the longest available in this country. For 1935 the evaporation of 17·11 inches was 1·61 inches more than the average for the 35 years (1885–1919). The total evaporation was ·56 inch less than that recorded in 1934, and 1·36 inch less than in 1933. The total evaporation was most striking in July when the total was as much as 4·04 inches or over 1·3 inches more than in either May, June or August. The evaporation record reflects the general weather conditions prevailing during the year. In London July was the warmest and sunniest month. At Camden Square the mean temperature of 67°·9 F. exceeded the average by 3°·6 F. and the mean daily sunshine at Kew of 8·8 hours exceeded the average by 2·5 hours. The daily amounts of evaporation at Camden Square exceeded ·01 inch on only a few days during the four months January, February, November and December. Values exceeding ·11 inch were confined to the four months May to August. The evaporation reached or exceeded ·10 inch on every day during July except six. No daily entry exceeded ·20 inch.

Percolation gauges. In Table XXVI the amount of water which percolates through a definite depth of soil is given. The list of stations is the same as for 1934. Details of the percolation gauges and the type of soil are set out in the footnotes, in *British Rainfall,* 1924, p. 128, in *British Rainfall,* 1932, p. 143 and in *British Rainfall,* 1934, p. 137. The difference between percolation and rainfall is largely to be accounted for by evaporation, but evaporation as determined in this way (known as " calculated evaporation ") is not strictly comparable with that given in the earlier table. There is no free water surface present in the percolation gauge, but during dry periods the surface soil is nearly dry, so that practically no evaporation can take place. In dry years the calculated evaporation, as obtained from the percolation gauges, will be less than similar values for wet years, and less than the values obtained from the water surface in a tank. In 1935 the mean value from the 13 percolation gauges was 17·81 inches,

a value rather less than that obtained from the evaporation tanks, *viz.* 18·31 inches.

At Compton the total percolation through the gauge (which consists of 10 inches of soil, on which grass is grown, over 2 feet of well-rammed chalk) was only ·12 inch from April 27th to September 28th. On the other hand the measured amount of percolation for the three months October to December just exceeded the rainfall of 18·3 inches. At Farlington there was practically no percolation through any gauge during the four months May to August, while during September rain percolated through the 24-inch gauge only. At Rothamsted the periods without percolation were not so remarkable as at either Compton or Farlington, but there was no percolation from July 6th to September 4th. At Harrogate the total percolation for the four months May to August was only ·57 inch, while at Craibstone that of the two months July to August was less than ·05 inch.

The records from the Farlington gauges continue to show a consistent diminution in the amount of percolation as the depth of the gauge increases. This suggests that in order to form a reliable estimation of the amount of the rain which actually reaches the underground water table, a gauge not less than 6 feet deep should be employed. On the other hand the 20 inch and 60 inch gauges at Rothamsted continue to record approximately the same percolation, while that through the 40 inch gauge is somewhat greater. The differences are accounted for by variations in the composition and structure of the soil of the gauges, and it seems reasonable to conclude that the 20-inch gauge at Rothamsted is of sufficient depth to give a good indication of the water likely to penetrate the sub-soil.

The three gauges at Craibstone, each 40 inches deep, were under turnips in 1935, whereas they were under oats in 1934, potatoes in 1933 and pasture in 1932.

Table XXV.—*Evaporation in* 1935.

List of Stations.	County.	Observer.	Particulars of Tank. Height above Ground.	Height above Sea Level.	Side.	Capacity.
			ft. in.	ft.	ft. in.	Gals.
Camden Square.	London 2	Royal Meteor. Soc. ..	0 3	111	6 0	450
Otterbourne ..	Hampshire 5	J. Hawksley, Esq. ..	0 3	112	6 0	450
Petersfield	,, ...6	C. J. P. Cave, Esq.*	0 3	747	4 0	250
Ormesby St. M..	Norfolk 2	Gt. Yarmouth W.W.	0 3	21	6 0	450
Kennick	South Devon 5	S. C. Chapman, Esq.	0 3	835	6 0	450
Bartley	Warwickshire....4	J. W. Wilkinson, Esq.	0 3	611	6 0	450
Revesby	Lincoln 3	T. Henry Tyson Esq.	0 6	124	6 0	450
Southport	Cen. Lancashire...3	J. Baxendell, Esq. ..	0 3	37	3 0	112
Ardsley, No. 1	Yorkshire, W.R. 8	Wakefield Corp.W.W.	0 3	395	6 0	450
Lower Laithe ..	,, ,, 9	A. Atkinson,Esq.,C.E.	0 6	772	6 0	450
Harrogate	,, ,, 11	A. S. West, Esq.	0 3	589	6 0	450
Talla Water ..	Peebles 1	Messrs. Leslie & Reid	0 3	904	6 0	450
Glencorse Filters	Midlothian 4	,, ,,	0 3	639	6 0	450

1935.	Camden Square.	Otterbourne.	Petersfield.	Ormesby St. Michael.	Kennick.	Bartley.	Revesby.
	in.	in.	in.	in.	in.	in.	in.
January	·14	·42	·40	·24	·31	·22	c ·20
February	·32	·45	·43	·79	·24	·42	·32
March	·99	1·11	·87	1·01	·70	1·06	·82
April	1·25	1·71	1·48	1·33	1·43	1·84	1·19
May.....	2·66	3·21	2·87	3·35	2·84	3·16	2·44
June	2·65	3·38	2·39	2·76	2·43	2·89	2·46
July	4·04	4·94	4·07	3·75	4·21	4·03	3·40
August	2·69	3·64	3·07	2·89	2·62	3·39	2·88
September	1·45	1·89	1·52	1·55	1·30	2·07	1·45
October	·74	·79	·84	1·00	·78	·90	·67
November	·16	·49	·62	·65	·31	·26	·09
December	·02	·07	·21	·14	·13	·07	·43
Year	17·11	22·10	18·77	19·46	17·30	20·31	15·95
Average, 1908–1935 ..	15·33	19·67	..	..	18·60	..	..
Difference	+ 1·78	+ 2·43	..	..	— 1·30	..	..

1935.	Southport.	Ardsley No. 1.	Lower Laithe.	Harrogate.	Talla Water.	Glencorse.	Mean of 13 Records.
	in.	in.	in.	in.	in.	in.	in.
January	·02	·10	·23	·57	·00	·02	·19
February	·19	·52	·18	·91	·11	·00	·38
March	·76	1·13	·79	1·48	·47	·80	·92
April	1·59	1·84	1·51	2·06	·82	·81	1·45
May.....	2·89	3·85	3·18	3·37	3·59	2·55	3·07
June	2·43	2·78	2·48	2·87	2·12	1·90	2·58
July	3·50	4·53	3·47	4·32	2·91	3·70	3·91
August	2·97	3·33	2·84	3·49	2·19	2·84	2·99
September	1·59	2·18	1·98	2·20	1·10	1·29	1·66
October	·61	1·02	·85	1·27	·29	·41	·78
November	·09	·21	·29	·68	·04	·01	·30
December	c ·04	·00	c ·12	·13	·01	·05	·08
Year	16·60	21·49	17·68	23·35	13·65	14·38	18·31
Average, 1908–1935 ..	..	17·59	..	19·43	15·28	..	..
Difference	..	+ 3·90	..	+ 3·92	— 1·63	..	..

NOTE.—In the Table, " c " indicates an excess of condensation over evaporation.
* Per Royal Meteorological Society.
Amlaird Filters. Evaporation for 1935, 14·50 inches.

Table XXVI.—*Rainfall, Percolation and Calculated Evaporation, in* 1935.

(Unless otherwise stated the size of the percolation gauges is 3 ft. × 3 ft. × 3 ft.)

1935.	Compton, Sussex.		¶ Rothamsted, Herts.				‡ Farlington, Hants.						Harrogate, Yorks.		Craibstone, Aberdeen.			
			Percolation*				Percolation								Percolation §			
	Rainfall.	Percolation.	Rainfall†	20″ Soil.	40″ Soil.	60″ Soil.	Rainfall.	24″ Chalky Marl**	36″ Chalky Marl**	48″ Chalky Marl**	36″ Sand‖	36″ Chalk‖	Rainfall.	Percolation.	Rainfall.	1†† 40″ Soil.	2‡‡ 40″ Soil.	3‖‖ 40″ Soil.
January	·97	1·21	·84	·69	·80	·77	·75	·55	·63	·84	1·12	1·04	1·45	1·72	2·06	·96	1·66	1·32
February	4·46	3·98	2·65	1·97	2·08	2·05	3·45	2·25	2·13	1·74	1·87	1·98	3·55	3·45	1·75	·67	1·14	1·22
March	1·01	1·01	·53	·09	·18	·17	·86	·51	·58	·83	1·17	1·02	·96	·65	2·68	1·37	1·54	1·47
April	4·41	2·91	3·60	1·83	1·96	1·83	2·94	·74	·62	·59	·68	·66	2·09	·78	4·47	3·02	3·45	3·45
May	1·19	·00	1·75	·16	·21	·18	·95	·01	·01	·02	·04	·03	1·10	·14	2·01	·86	·88	·83
June	3·96	·12	2·83	·85	·99	·92	2·60	·00	·00	·01	·00	·00	3·23	·06	4·14	1·73	1·82	1·77
July	1·50	·00	·90	·00	·01	·00	1·21	·00	·00	·01	·00	·01	·71	·01	2·33	·02	·02	·01
August	3·44	·00	1·50	·00	·00	·00	3·27	·00	·00	·01	·00	·00	1·88	·36	3·24	·00	·00	·00
September	4·70	·29	4·19	2·09	2·10	1·99	5·01	1·86	·00	·00	·00	·00	5·39	2·10	4·56	·98	·16	·03
October	5·28	4·17	2·77	1·67	1·69	1·64	5·14	3·88	3·22	1·72	2·48	1·56	5·35	4·30	3·98	2·39	2·17	1·66
November	8·65	8·97	5·03	4·73	4·88	4·76	7·58	6·76	6·53	6·28	6·44	6·49	5·57	5·24	5·71	4·18	4·38	3·70
December	4·39	5·25	2·85	2·77	2·91	2·96	3·67	3·37	3·36	3·23	3·06	3·24	2·36	2·38	4·14	3·33	3·33	3·04
Year	43·96	27·91	29·44	16·85	17·81	17·27	37·43	19·93	17·08	15·28	16·86	16·03	33·64	21·19	41·07	19·51	20·55	18·50
Calculated Evaporation	..	16·05	..	12·59	11·63	12·17	..	17·50	20·35	22·15	20·57	21·40	..	12·45	..	21·56	20·52	22·57

¶ Area of gauges one thousandth of an acre.
† Values obtained from the 8-inch gauge.
* Through bare unworked soil.
‡ 36-inch diameter gauges.
** Depths include 12 in. of top soil and turf.
‖ Depths include 6 in. of top soil and turf.
§ The gauges were under turnips.
†† Unmanured ‡‡ Manured ‖‖ Manured and limed.

Table XXVII.—*Evaporation at Camden Square, London*, 1885–1935.

	Jan. in.	Feb. in.	Mar. in.	April in.	May. in.	June. in.	July. in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	Total. in.
1885.....	·20	·38	·86	1·71	1·98	2·77	3·29	2·25	1·13	·77	·17	·11	15·62
1886.....	·23	·13	·53	1·59	1·78	2·93	3·12	1·86	1·46	·63	27	·12	14·65
1887.....	c·07	·29	·76	1·72	1·79	3·68	3·76	2·54	1·25	·78	·21	·07	16·78
1888.....	·07	·37	·48	1·16	2·71	2·24	1·44	1·90	1·17	·60	·43	·03	12·60
1889.....	·03	·18	·62	1·07	1·76	2·97	2·34	1·96	1·52	·42	·29	c·13	13·03
1890.....	·08	·19	·50	1·44	2·63	2·14	2·33	2·02	1·27	·79	·31	·04	13·74
1891.....	·03	·16	·73	1·35	1·66	2·83	2·34	1·67	1·00	·62	·20	·22	12·81
1892.....	·05	·09	·60	1·88	2·65	3·05	2·84	2·20	1·01	·36	·02	·20	14·95
1893.....	c·03	·01	·92	2·33	3·06	3·62	3·12	2·85	1·48	·70	·11	·01	18·18
1894.....	c·04	·28	·83	1·17	2·10	2·48	2·49	1·91	·97	·37	·20	·11	12·87
1895.....	·14	·64	·36	1·26	3·06	3·31	3·07	2·12	1·27	·54	·19	·07	16·03
1896.....	·16	·24	·64	1·57	3·06	3·21	3·63	1·96	·68	·47	·18	·00	15·80
1897.....	·23	·21	·76	1·23	2·99	2·48	3·60	2·49	·99	·63	·26	c·14	15·73
1898.....	·19	·37	·51	1·28	1·56	2·10	2·96	2·53	1·73	·45	·11	·16	13·95
1899.....	·04	·28	·52	1·24	2·34	3·67	4·03	3·78	2·01	·45	·41	·11	18·88
1900.....	·03	·16	·80	1·46	2·35	2·85	4·25	2·61	1·61	·89	·24	·15	17·40
1901.....	·13	·24	·60	1·98	3·25	3·85	3·37	3·19	1·42	·64	·31	c·05	18·93
1902.....	·16	·15	·71	1·75	1·78	2·33	3·30	1·71	1·47	·69	·28	·27	14·60
1903.....	·26	·39	·97	1·57	2·24	2·79	3·35	2·53	1·51	·86	·29	·12	16·88
1904.....	c·09	·26	·54	1·68	1·81	3·32	4·06	2·86	1·20	·50	·26	·02	16·42
1905.....	·17	·35	·65	1·14	3·19	2·49	3·65	2·23	1·24	·78	·09	·16	16·14
1906.....	·06	·21	·73	1·90	1·90	3·53	3·65	3·46	2·38	·78	·27	·16	19·03
1907.....	·21	·38	1·02	1·27	1·93	2·47	2·65	2·24	1·72	·49	·27	·19	14·84
1908.....	·05	·27	·56	1·32	2·23	3·77	2·75	2·47	1·25	·48	·29	·14	15·58
1909.....	·14	·30	·30	1·85	2·93	1·70	2·60	2·23	·84	·76	·17	·16	13·98
1910.....	·22	·17	·80	1·43	2·52	2·57	2·00	2·12	1·42	·76	·19	·10	14·30
1911.....	·15	·32	·59	1·77	2·58	3·34	4·60	3·19	1·96	·64	·37	·02	19·53
1912.....	·24	·16	·79	2·34	2·44	2·49	2·55	1·69	1·41	·39	·33	·12	14·95
1913.....	·10	·32	·77	1·25	2·49	3·13	2·15	2·09	1·07	·61	·36	·32	14·66
1914.....	·09	·24	·52	1·84	2·56	2·93	2·72	1·99	1·68	·70	·28	·05	15·60
1915.....	·11	·13	·66	1·65	2·90	3·15	2·50	1·76	1·61	·56	·25	c·03	15·25
1916.....	·19	·34	·30	1·61	2·32	2·20	2·23	2·34	1·20	·76	·34	c·04	13·79
1917.....	·11	·17	·53	1·18	3·06	3·01	2·81	1·95	1·16	·75	·34	·12	15·19
1918.....	·14	·27	·85	·89	2·38	3·01	2·59	2·04	1·69	·40	·24	·16	14·66
1919.....	c·12	·13	·66	1·06	2·94	3·39	1·90	2·78	1·53	·61	·08	·06	15·02
1920.....	·20	·24	·78	·85	2·71	2·85	2·09	2·00	1·04	·66	·04	·00	13·46
1921.....	·20	·28	·96	1·91	3·04	3·66	4·17	2·56	1·72	·72	·19	·28	19·69
1922.....	·16	·31	·96	1·20	2·93	3·36	2·09	1·74	1·11	·66	·27	·14	14·93
1923.....	c·01	·16	·65	1·26	2·16	2·16	3·59	2·79	1·24	·73	·24	·02	14·99
1924.....	c·17	·28	·73	1·28	2·27	2·91	3·21	1·82	1·11	·59	·33	·11	14·47
1925.....	·12	·30	·83	1·30	2·34	3·48	2·61	1·58	1·01	·56	·37	·00	14·50
1926.....	c·03	·12	1·03	1·06	2·07	2·50	2·51	2·12	1·34	·74	·20	·05	13·71
1927.....	·05	·19	·65	1·45	2·91	2·64	2·01	1·75	1·08	·37	·29	·13	13·52
1928.....	c·04	·23	·70	1·33	2·15	3·04	4·08	2·17	1·67	·57	·36	·03	16·29
1929.....	·20	·29	·64	1·53	2·66	2·93	3·42	2·22	1·81	·80	·27	·14	16·91
1930.....	·13	·26	·90	1·07	1·82	3·07	2·85	1·98	1·16	·71	·28	·08	14·31
1931.....	·03	·22	·88	1·03	1·92	2·69	2·60	1·75	·97	·68	·12	·24	13·13
1932.....	·14	·33	·64	1·08	1·65	3·05	2·33	2·33	1·05	·63	·23	·10	13·56
1933.....	·08	·20	·80	1·70	2·36	3·48	3·44	3·13	1·86	·83	·33	·26	18·47
1934.....	·01	·19	·53	1·32	2·90	3·31	4·07	2·42	1·79	·93	·23	c·03	17·67
1935	·14	·32	·99	1·25	2·66	2·65	4·04	2·69	1·45	·74	·16	·02	17·11
Average 1885–1919...	·10	·25	·66	1·51	2·43	2·91	2·97	2·33	1·38	·62	·25	·09	15·50
Difference 1935	+·04	+·07	+·33	−·26	+·23	−·26	+1·07	+·36	+·07	+·12	−·09	−·07	+1·61

MONTHLY EXTREMES OF EVAPORATION, 1885-1935.

Largest— Amt. (in.)	·26	·64	1·03	2·34	3·25	3·85	4·60	3·78	2·38	·93	·43	·32	19·69
Year	1903	1895	1926	1912	1901	1901	1911	1899	1906	1934	1888	1913	1921
Smallest— Amt. (in.)	c ·17	·01	·30	·85	1·56	1·70	1·44	1·58	·68	·36	·02	c ·14	12·60
Year	1924	1893	1909 / 1916	1920	1898	1909	1888	1925	1896	1892	1892	1897	1888

NOTE.—c indicates condensation.

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METEOROLOGICAL OFFICE, AIR MINISTRY

BRITISH RAINFALL ORGANIZATION

BRITISH RAINFALL, 1935

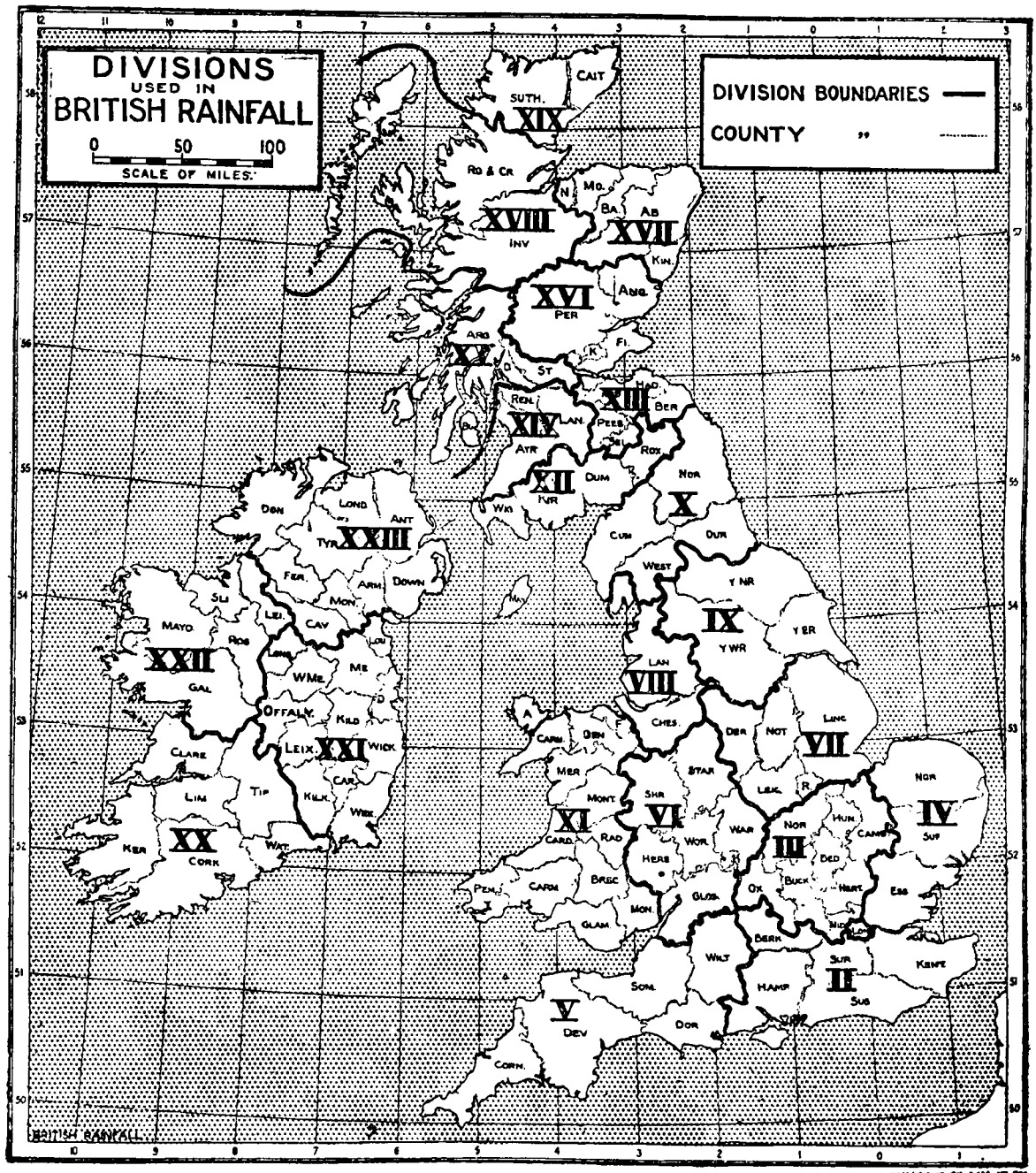
PART III

General Table of

TOTAL RAINFALL IN 1935

AT STATIONS IN GREAT BRITAIN AND IRELAND WITH THE NAMES OF THE OBSERVERS OR OTHER AUTHORITIES FOR THE OBSERVATIONS

Issued by the Authority of the Meteorological Committee



AIR MINISTRY, METEOROLOGICAL OFFICE

EXPLANATORY NOTE.

The Divisions of Great Britain in the General Table are the same as those adopted by the Registrars-General of England and Scotland. They are shown on the map facing this page.

The counties are divided up into numbered areas, corresponding to the river-basins. An account of these river-divisions for England and Wales was given in a special article in Part I of *British Rainfall*, 1910 (pp. 37-66), and a similar article on the river-divisions of Scotland and Ireland appeared in Part I of *British Rainfall*, 1911 (pp. 40-72), with detailed maps showing all the river-divisions in each Division. Lists were also included showing the various river-divisions in each of the main catchment areas over the British Isles. The areas of the river basins of the Great Ouse and tributaries in Norfolk and Cambridge were redetermined in 1928; the values printed in this volume and in the volume for 1927 differ slightly from those published in *British Rainfall* from 1910 to 1926. The sequence of river divisions in Great Britain proceeds anti-clockwise from the Solway Firth. For example, in the West Riding of Yorkshire we have four divisions for rivers flowing to the Irish Sea, followed by eight divisions for rivers tributary to the Humber.

The stations in each river-division are arranged nearly in the order of their latitude from South to North. For convenience, the first name defining a station is that of a place which can be found on any large scale map; occasionally it is an adjoining county. The second name is added to fix the site of observation more closely, *e.g.*, "Haslemere (Clammer Hill)" means Clammer Hill, near Haslemere.

Stations the names of which are printed in small capitals, *e.g.*, KENSINGTON PALACE, are climatological stations in association with the Meteorological Office. For the majority of these a summary of the climatological observations is printed in the *Monthly Weather Report*.

In some cases the records have been received from a local rainfall organization. This has been indicated by a footnote.

In the column headed "Diameter," figures in old style type indicate the length of the sides of rectangular gauges.

The letter D signifies that daily observations have been received and are complete for the year; d, that less complete daily records have been received; W indicates that weekly readings have been received, and M that the gauge is read only once a month, usually on the 1st.

(R) denotes that the gauge is a mechanical one the correct reading of which depends on the mechanism being in working order.

(A) denotes that the amount of rainfall is taken from the chart of an autographic instrument.

(+A) denotes that the amount of rainfall is taken from an ordinary gauge and that an autographic instrument is also in use.

Where two or more gauges are maintained at the same station the comparison of the records is seldom of general interest. The rule has now been adopted that in such cases only one record will normally be published in *British Rainfall*. The use of mechanical gauges for measuring the total rainfall is not recommended by the Meteorological Office and the number of records marked (R) or (A) is therefore small.

Gauges which have been inspected and found to be over-exposed on moorland have been so marked. It is likely that there are other gauges (notably some of those at lighthouses) which are also over-exposed.

The column for the total rainfall in millimetres, which was a feature of the corresponding table in the volumes for the years 1914 to 1925, has been omitted since 1926, and the space thus set free is devoted to a column for average annual totals, expressed in inches, to the nearest tenth of an inch. The averages are printed in ordinary type if they are either the mean of the annual values for the standard period 1881 to 1915, or, in the case of shorter records, if they have been reduced by the accepted method to the standard period. If the computation has been made outside the office the average is printed in italics, since it may subsequently be revised slightly. The average is also given in italics if it is the mean for twenty or more years other than the standard period or if the mean has been weighted to some other period. Averages for the standard period of 35 years 1881 to 1915, are always preferred for entry in the table. Many of the averages printed in italics have been kindly computed by Mr. H. P. Cornish of Keswick and these are weighted to the standard period 1881 to 1915.

A few entries of total rain will be found in brackets—indicating that the values have been corrected, *e.g.*, when snow has been lost, when the amount for a short period has been computed from other records, or when the gauge has been moved a short distance during the year. A record is not as a rule printed if the gauge has been moved more than a mile, or if there is a greater difference than 50 ft. of altitude between the two positions.

A note of interrogation (?) implies doubt, not necessarily error. The absence of information is indicated by ..

ENGLAND.

Bedford	167	Hereford	187	Oxford	164
Berkshire	159	Hertford	161	Rutland	193
Buckingham	163	Huntingdon	167	Shropshire	188
Cambridge	167	Kent	149	Somerset	182
Cheshire	197	Lancashire	198	Stafford	189
Cornwall and Scilly	180	Leicester	192	Suffolk	170
Cumberland	213	Lincoln	193	Surrey	145
Derby	195	London	144	Sussex	152
Devon	176	Middlesex	160	Warwick	191
Dorset	175	Monmouth	215	Westmorland	214
Durham	211	Norfolk	172	Wiltshire	173
Essex	168	Northampton	165	Worcester	190
Gloucester	185	Northumberland	212	Yorkshire	203
Hampshire	156	Nottingham	194		

WALES.

Anglesey	225	Carnarvon	224	Merioneth	223
Brecon	219	Denbigh	222	Montgomery	221
Cardigan	219	Flint	222	Pembroke	218
Carmarthen	218	Glamorgan	216	Radnor	221

ISLANDS.

Isle of Man	226	Channel Islands	226

SCOTLAND.

Aberdeen	243	E. Lothian	230	Peebles	229
Angus	242	Fife	239	Perth	239
Argyll	237	Inverness	245	Renfrew	234
Ayr	232	Kincardine	242	Ross and Cromarty	246
Banff	244	Kinross	238	Roxburgh	228
Berwick	229	Kirkcudbright	227	Selkirk	228
Bute	237	Lanark	231	Shetland	248
Caithness	248	Midlothian	230	Stirling	236
Clackmannan	238	Moray	244	Sutherland	247
Dumbarton	235	Nairn	244	W. Lothian	231
Dumfries	227	Orkney	248	Wigtown	227

IRELAND.

Antrim	258	Kerry	249	Monaghan	257
Armagh	257	Kildare	253	Offaly	253
Carlow	252	Kilkenny	251	Roscommon	255
Cavan	256	Leitrim	256	Sligo	256
Clare	251	Leix	252	Tipperary	250
Cork	249	Limerick	250	Tyrone	259
Donegal	259	Londonderry	258	Waterford	250
Down	257	Longford	255	Westmeath	254
Dublin	253	Louth	254	Wexford	251
Fermanagh	257	Mayo	255	Wicklow	252
Galway	255	Meath	254		

ENGLAND AND WALES.

DIVISION I—LONDON. (Area, 117 sq. mi.)

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
1.—THAMES.—Right Bank Tributaries. 67 sq. mi.		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
BERMONDSEY.								
d Southwark Park	London County Council	5	1 0	9	24·4	26·09	..	132
LAMBETH.								
D Dulwich (Thurlow Pk. Rd.)	B. T. Yonge, Esq.	5	0 11	197	..	28·71	197	138
D Brockwell Park (+A)	London County Council	5	1 0	144	23·8	26·49	161	132
D Brixton Hill Reservoir	Met. Water Board	5	1 0	121	23·9	26·51	153	129
BATTERSEA.								
D Battersea Park	London County Council	5	1 0	13	23·2	26·29	147	118
WANDSWORTH.								
D Streatham (Conyers Road)	Met. Water Board	5	1 0	119	23·3	25·96	171	124
D Streatham Hill Reservoir	Met. Water Board	5	1 0	205	23·3	26·03	155	127
D Putney Heath Reservoir (+A)	Met. Water Board	5	1 0	179	..	25·58	171	122
D Balham High Road (+A)	E. J. Elford, Esq., C.E.	5	1 6	89	24·7	27·53	172	125
D Southfields (Coronation Gds) (+A)	E. J. Elford, Esq., C.E.	5	1 6	37	23·6	26·07	163	129
CAMBERWELL.								
D Nunhead (Nunhead Reservoir)	Met. Water Board	5	1 0	175	..	25·30	164	127
DEPTFORD.								
D Telegraph Hill	London County Council	5	1 0	155	..	25·42	152	119
D Waterworks	Met. Water Board	5	1 0	20	23·0	25·28	159	126
GREENWICH.								
D Deptford Pumping Station (+A)	London County Council	8	1 0	18	22·4	23·99	149	121
D ROYAL OBSERVATORY	The Astronomer Royal	8	0 5	149	23·5	25·62	172	125
CATFORD								
D Catford Hill (Exbury Rd.)	Rev. T. R. Price, M.A.	8	1 3	67	..	27·19	169	134
LEWISHAM.								
D Forest Hill Reservoir (+A)	Met. Water Board	5	1 0	339	..	28·30	171	128
WOOLWICH.								
D Eltham (High Street) (+A)	Met. Water Board	5	1 0	245	23·2	27·12	166	131
d Plumstead Library	S. H. Philpot, Esq.	5	1 0	48	..	(27·88)	(170)	(134)
2.—THAMES.—Left Bank Tributaries. 50 sq. mi.								
KENSINGTON.								
D Harley Gardens	Mrs. Hamlyn Price	5	1 5	29	23·7	24·28	167	128
D Holland House	Mr. P. B. Rintoul	5	1 0	68	23·9	25·28	161	129
D Campden Hill Reservoir (+A)	Met. Water Board	5	1 2	142	24·5	24·54	153	124
D KENSINGTON PALACE (+A)	H.M.O.W. (M.O.)	8	1 0	80	24·2	25·21	163	129
HAMMERSMITH.								
D The Creek	London County Council	5	3 0	19	23·2	24·03	158	127
FULHAM.								
D Hammersmith Cemetery	R. J. Brown, Esq.	5	1 0	17	23·4	25·16	169	126
D Bishops Park (+A)	A. F. Holden, Esq., C.E.	5	0 11	15	22·6	23·91	144	125
CHELSEA.								
D Physic Garden	W. Hales, Esq.	5	1 0	20	23·4	24·70	153	124
D St. Luke's Gardens	J. A. Gough, Esq.	5	1 0	25	23·3	24·48	166	126

DIVISION I—LONDON—(*con.*).

	STATIONS	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	2.—THAMES.—Left Bank Tributaries—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	WESTMINSTER.								
D	Western Pumping Station (+A)	London County Council...	8	1 0	19	..	23·32	155	126
D	King's Scholar's Pond P.S.	London County Council...	8	11 6	31	..	23·05	157	115
D	Buckingham Palace	Mr. A. J. Cole	5	8 0	35	23·5	25·36	169	121
D	ST. JAMES'S PARK (+A)	H.M.O.W. (M.O.)	8	1 0	27	23·2	24·34	158	124
	ST. MARYLEBONE.								
D	OXFORD STREET (Roof Gdns.) (+A)	Messrs. Selfridge & Co., Ltd.,	5	1 0	158	..	23·86	159	123
D	REGENT'S PARK	H.M.O.W. (M.O.)	5	1 0	129	..	25·19	156	127
	HAMPSTEAD.								
d	Barrow Hill Reservoir (+A)	Met. Water Board	5	1 0	175	..	25·64	..	130
D	Kidderpore Reservoir	Met. Water Board	5	1 0	328	..	26·57	160	119
D	OBSERVATORY (+A)	The Hampstead Scientific Soc. (E. L. Hawke, M.A.)	8	1 0	450	26·3	28·04	182	125
D	Golders Hill Park	London County Council...	5	1 0	350	26·2	28·75	169	128
	ST. PANCRAS.								
D	Camden Square (+A)	Royal Meteorological Soc.	8	1 0	110	24·5	25·61	165	131
D	CAMDEN SQUARE ...*Snowdon*..	Royal Meteorological Soc...	5	1 0	110	24·5	25·55	165	130
d	Kentish Town (C.E. School)	The Headmaster	5	1 3	124	24·7	26·08	..	..
	STOKE NEWINGTON.								
D	New River Filter Beds	Met. Water Board	5	1 0	101	23·1	26·18	158	126
D	New River Reservoirs (+A)	Met. Water Board	5	1 0	105	23·5	26·18	158	126
	HACKNEY.								
D	Clapton Pond (+A)	P. Holt, Esq., C.E.	5	1 0	68	22·8	26·22	168	137
	FINSBURY.								
D	New River Head (+A)	Met. Water Board	5	1 0	95	..	25·62	164	132
	BETHNAL GREEN.								
D	Victoria Park	London County Council...	5	1 0	43	23·1	24·78	149	119
	POPLAR.								
D	Isle of Dogs (Island Gardens)	London County Council.	5	1 0	18	21·9	23·56	154	123
D	Old Ford Pumping Station	Met. Water Board	8	0 9	19	22·9	23·15	143	127
D	Old Ford (Penstock House) (+A)	London County Council...	8	1 0	43	22·4	24·55	161	131
	WOOLWICH.								
D	N. Woolwich Pumping Stn. (+A)	London County Council...	8	0 9	12	21·6	23·93	150	129
D	Barking Outfall	London County Council...	8	0 9	9	20·8	23·11	157	126

DIVISION II—SOUTH-EASTERN COUNTIES

SURREY. (Area, 725 sq. mi.)

1.—ARUN. 45 sq. mi.

D	Haslemere (Clammer Hill)	Mrs. Glennie	5	1 6	400	*35·8*	43·84	174	147
D	Haslemere (Furnace Place)	F. J. Barlow, Esq.	5	1 0	300	..	41·64	166	140
D	Haslemere (Grayshurst)	C. W. Dixon, Esq.	5	1 0	621	..	40·27	170	135
D	Hambledon (Rossall)	Mrs. M. B. Furneaux	5	1 0	250	..	36·41	174	139

2.—MEDWAY. 50 sq. mi.

D	East Grinstead (Lockeridge)	Lt.-Col. J. F. Forbes, D.S.O.	5	1 0	320	..	41·09	190	152
D	Dormans Park (Chartham Park)	I. D. Margary, Esq.	5	1 0	270	..	41·91	197	148
D	Dormans Park (Hill Crest)	Dr. H. R. Mill	5	1 0	320	..	42·77	206	157
D	Dormans Park (Yew Lodge)	Mrs. I. D. Margary	5	1 0	260	..	40·96	183	146
D	Lingfield (Felcourt)	Sir Alfred R. McAlpine, Esq.	5	1 6	225	..	41·59	188	150
D	S. Godstone (Hartsridge)	F. E. Goad, Esq.	5	0 10	450	..	36·95	200	150
D	Bletchingley (North Park Farm)	H. C. Millen, Esq.	5	1 0	300	..	38·43	196	156
D	Limpsfield (The Chart)	E. G. Ingold, Esq.	5	1 0	570	..	35·43	196	140

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SURREY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—MEDWAY—(*con.*).								
D	Godstone	C. J. Salter, Esq.	5	1 0	400	..	39·95	197	159
D	Oxted (West Heath)	Norman W. Grieve, Esq.	8	1 2	500	..	37·83	185	150
	3.—THAMES—Darent. 22 sq. mi.								
	Limpsfield (Kent Hatch Res.)	A. E. Cornewall-Walker, Esq.	5	1 0	664	..	36·26	..	..
D	Westwood (Pumping Station)	A. E. Cornewall-Walker, Esq.	5	1 0	418	..	36·23	165	143
	Chelsham (Ledgers)	Mrs. H. A. Daniell	5	1 5	620	..	36·64	..	..
D	Farleigh (Croydon Ment. Hosp.)	Croydon Corporation	8	1 0	100	..	37·69	166	142
	Chelsham (Fairchildes)	A. S. Daniell, Esq.	8	1 0	600	*33·7*	36·82	..	..
D	Addington (Hares Bk. Pump. Sta.)	Croydon Corporation	8	1 0	331	..	34·99	206	143
D	Addington Hills Reservoir	Croydon Corporation	8	1 0	472	*29·4*	31·87	177	132
d	Shirley (Residential Sch.)	W. H. Westacott, Esq.	5	1 0	197	..	32·06	..	119
D	Norwood (Auckland Road)	Miss N. Cooper	5	1 5	230	..	26·36	172	121
	4.—THAMES—Wandle. 71 sq. mi.								
D	Kingswood (Margery Hall Res.)	W. Vaux Graham, Esq., C.E.	5	1 0	691	..	37·31	180	144
	Woldingham Reservoir (*New g*)	A. E. Cornewall-Walker, Esq.	5	1 0	841	..	39·24	..	..
D	Woldingham	Miss V. K. Isaac	5	1 0	797	..	38·55	206	149
D	Caterham Reservoir	A. E. Cornewall-Walker, Esq.	5	1 0	704	*34·6*	40·08	209	156
D	Chelsham & Woldingham W.W.	A. E. Cornewall-Walker, Esq.	5	1 0	479	..	38·45	191	148
D	Woldingham (Marden Park)	Sir Bernard Greenwell, Bt.	5	1 2	550	..	37·90	192	148
D	Caterham Valley Depot	A. E. Cornewall-Walker, Esq.	5	1 0	431	..	40·57	207	155
D	Chipstead (South Lodge)	G. R. Rudolf, Esq.	8	1 1	550	..	39·17	208	150
D	Coulsdon (Netherne Ment. Hosp.)	The Clerk and Steward	8	0 10	540	..	37·89	184	144
D	Banstead (Burgh Heath)	Capt. E. R. Taylor	5	1 0	571	*32·6*	38·37	175	142
D	Banstead (Burgh Heath Res.)	W. Vaux Graham, Esq., C.E.	5	1 0	570	*32·7*	34·87?	177	138
D	Chipstead (How Green Res.)	W. Vaux Graham, Esq., C.E.	5	1 0	528	..	39·55	167	140
D	Kenley Pumping Station	A. E. Cornewall-Walker, Esq.	5	1 0	275	..	34·84	173	141
	Coulsdon (Howard Road)	J. H. Lowe, Esq.	5	0 6	425	28·6	35·41	180	138
D	Banstead Mental Hospital	S. J. Wray, Esq.	5	4 8	410	..	31·61?	185	137
d	Purley (Council Offices)	The Surveyor	5	1 0	225	..	34·11	(186)	(129)
D	Purley (Selcroft Road)	E. W. Finch, Esq.	5	1 0	380	..	34·08	187	139
D	Purley (Woodcote Valley Rd.)	C. Stuart Bailey, Esq	5	1 0	310	..	34·17	182	131
D	Purley (Pumping Station)	A. E. Cornewall-Walker, Esq.	5	1 0	214	*30·1*	35·84	181	140
D	Purley (Green Lane)	E. E. Bluett, Esq.	5	1 0	341	..	34·13	181	130
D	Purley (St. Mark's Vicarage)	Mrs. D. L. P. Shattock	5	1 0	336	..	32·52	179	132
D	Sanderstead (Beechwood Rd.)	G. M. Davies, Esq.	5	1 0	320	..	35·10	190	137
d	Sutton (The Ridgway)	W. H. Boucher-James, Esq.	5	1 0	250	..	31·24	..	129
D	Croydon (Airport) (+A)	Officer-in-Charge	8	1 0	217	26·7	32·01	179	129
D	S. Croydon (Croham Valley Rd.)	F. A. Reynolds, Esq.	5	1 0	350	..	33·15	179	132
D	Carshalton (Pumping Stn.)	Surveyor, U.D.C.	5	1 0	83	..	30·44	179	129
D	Carshalton (Park Road)	A. C. Challands, Esq.	5	1 0	200	..	32·47	176	135
d	Carshalton (The Grove)	H. J. Spicer, Esq.	5	1 0	129	..	32·76	..	131
D	Beddington (Sewage Farm)	Croydon Corporation	5	1 0	129	..	28·23	165	121
D	Croydon (Northampton Road)	Mrs. Higgins	5	1 0	210	..	30·67	168	128
d	Beddington Corner (Millgreen Rd.)	Messrs. G. Miller & Son	5	4 6	77	..	33·56	..	128
D	Upper Norwood (Beulah Hill)	Rev. A. H. Shaw	5	1 0	400	..	32·05	199	142
D	Wimbledon (Sewage Pmp. Sta.)	T. Webster, Esq., C.E.	5	1 0	55	23·4	25·28	164	127
	5.—THAMES—Mole & c. 229 sq. mi.								
D	Horley (Smallfield)	W. W. Hughes-D'Aeth, Esq.	5	1 0	215	..	38·58	174	146
D	**Outwood (The Orchards)**	**H. Gurney, Esq.**	5	1 0	274	*26·0*	39·48	191	156
D	Dorking (Woodlands Pk.)	O. Langer, Esq.	5	1 0	200	..	41·78	170	141
D	**Dorking (Bramerton)**	**Rev. Jas. F. Twist**	5	1 0	300	..	42·89	178	140
D	Dorking (Denbies)	S. C. Westbrook, Esq.	5	0 6	620	32·2	44·13	173	145
D	Dorking (Pixham La Sew. Wks.) (+A)	Dorking U.D.C.	5	1 0	137	..	40·00	172	144

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SURREY—(*con.*). **5.—THAMES—Mole & c.—(*con.*).**		*in.*	*ft. in.*	*ft*	*in.*	*in.*		
D **Betchworth** (Snower Hill)	T. DuBuisson, Esq.	8	0 11	250	..	39·73	193	144
D **South Nutfield** (Hale Edge)	Mrs. B. Grant	5	1 0	250	*28·7*	36·82	189	167
D Earlswood (Sewage Farm)	G. G. Sanderson, Esq., C.E.	5	1 0	200	..	36·52	175	138
D Reigate (Hill-top Road)	H. E. Irving Taylor, Esq.	5	0 10	375	..	38·18	191	150
D **Redhill** (London Road)	A. E. Cornewall-Walker, Esq.	5	1 0	270	..	37·75	190	144
D Reigate (Woodcote)	Herbert Crosfield, Esq., J.P.	5	0 10	310	..	40·56	227	158
D Reigate (Wray Park Road)	W. J. MacAndrew, Esq.	5	1 0	330	28·9	39·66	184	149
D Reigate (Castle Grounds)	G. G. Sanderson, Esq., C.E.	5	1 0	350	*30·4*	38·71	197	150
D Reigate (Thurso)	F. S. Smith, Esq.	8	1 0	270	..	38·52	167	139
D Reigate (Raglan Rd.)	G. E. Collip, Esq.	5	1 1	450	..	40·68	197	149
d Bletchingley (South Park Fm)	Uvedale H. Lambert, Esq.	5	1 0	340	*31·4*	38·34	..	131
D **Merstham** (Gatton Point)	C. F. Bull, Esq.	5	1 0	300	..	37·24	192	145
Effingham	A.E.Cornewall-Walker, Esq.	5	1 0	363	..	38·20	..	..
D Gatton (The Cottage)	J. F. E. Goad, Esq.	5	0 11	434	..	38·85	205	150
D Headley Rectory	Rev. T. E. R. Phillips	5	1 0	570	..	39·39	206	142
d Headley (The Hurst)	Mrs. Lyall	5	1 3	420	*32·2*	36·33	(194)	(153)
D Walton-on-the-Hill	Mr. J. Millichamp	5	1 0	600	*31·7*	38·49	198	146
D Fetcham W.W.	A. E. Cornewall-Walker, Esq.	5	1 0	102	..	36·71	189	136
d Leatherhead (Dunard Lodge) (+A)	G. R. Crompton, Esq.	8	1 0	233	..	36·64	(186)	(134)
d Leatherhead (Windfield)	Mrs. Still	5	1 5	250	..	36·07	..	133
D Tadworth	C. H. L. Blaxland, Esq.	5	1 4	600	..	40·02	223	165
D **Epsom College**	S. A. Weare, Esq.	8	1 6	300	..	32·27	167	120
D Banstead Grange	R. L. Powell, Esq.	5	0 10	390	..	37·72	195	153
D Epsom (Sewage Farm)	The Surveyor	8	1 6	125	*25·4*	29·45	174	146
D Whiteley Village (Fox Oak)	H. E. Cooke, Esq.	8	3 4	195	..	28·57	179	134
D **Cobham** (Uplands)	R. S. Morrish, Esq.	5	0 9	220	..	32·38	163	136
d Cobham (Sandroyd School)	C. St. John Shortt, Esq.	5	1 6	120	..	28·67	..	118
D Weybridge (St. George's Hill)	Mrs. Buckley	5	0 10	200	..	29·33	163	127
D Claygate (Hertslets)	N. C. Armitage, Esq.	5	1 0	106	..	27·64	188	129
D Esher (Halidon)	D. H. Baird, Esq., C.B.E.	5	1 3	114	..	29·30	172	126
D Sutton (Mulgrave Rd.)	Mrs. A. Carter	5	1 0	214	..	32·51	183	135
D **Sutton** (Waterworks)	W. Vaux Graham, Esq., C.E.	5	1 6	166	*26·0*	31·22	176	125
D **Sutton** (Sewage Works)	L. H. Michell, Esq., C.E.	5	1 6	99	*28·8*	29·09	170	118
D Worcester Park (Sewage Works)	L. H. Michell, Esq., C.E.	5	3 0	68	..	29·52	159	125
D Surbiton (Seething Wells)	Met. Water Board	5	0 10	34	24·1	28·67	168	135
D **West Molesey** (Walton Works)	Met. Water Board	5	1 0	35	23·5	27·25	160	124
D **New Malden** (Dunbar Road)	J. W. Harris, Esq.	5	1 0	50	24·8	27·77	166	127
D New Malden (Sewage Works)	A. R. Goldthorp, Esq., C.E.	5	1 0	48	..	27·55	166	128
D New Malden (High Drive)	Mrs. Ben. G. Brame	5	1 0	60	..	28·08	176	125
D Kingston (County Hall)	W. E. Robinson, Esq.	5	0 9	31	..	26·83	156	126
d Kingston (Grammar School)	The Headmaster	5	1 0	34	..	27·83	..	125
D Kingston Sewage Works (+A)	P.G. Lloyd, Esq.	5	1 0	25	..	26·50	158	115
D Merton Park (Mostyn Rd.)	A. T. Bench, Esq.	5	1 0	55	25·0	28·75	169	125
D Merton Park (Innes Hort. Inst.)	Garden Superintendent	5	1 0	55	..	28·12	154	129
D **Merton** (Joseph Hood Rec. Gd.)	The Engineer	5	1 0	48	..	26·80	157	126
D **Raynes Park** (Cottenham Pk P.S.)	T. Webster, Esq., C.E.	5	1 2	50	23·6	28·51	163	126
D **Raynes Park** (Richmond Road)	W. B. de Winton, Esq.	5	1 0	70	..	30·59	182	135
D Wimbledon (West Side)	E. K. Wilson, Esq.	5	1 0	160	..	27·63	162	130
D **Richmond** (Terrace Gardens)	G. Humpfreys, Esq.	5	1 3	25	..	26·69	162	123
D KEW OBSERVATORY (+A)	The Superintendent	8	1 0	18	23·8	25·70	167	124
D **Mortlake** (Hammersmith Cem.)	R. J. Brown, Esq.	5	1 0	23	..	24·80	153	120
D Kew (Royal Botanic Gardens)	The Director	8	0 9	20	23·4	24·52	152	120
D **Barnes** (Barn Elms)	Met. Water Board	5	1 0	16	22·9	24·04	163	125
6.—THAMES—Wey. 236 sq. mi.								
D **Haslemere** (U.D.C. Depot)	A. G. Whitcher, Esq.	5	1 0	475	*36·2*	45·23	183	145
D Haslemere (U.D.C. Sewage Works)*	A. G. Whitcher, Esq.	5	1 0	414	..	43·18	186	145
D **Haslemere** (Frensham Hall Gdns.)	H. Windibank, Esq.	5	1 0	750	..	45·10	191	140
D **Haslemere** (Frensham Hall Farm)	H. Windibank, Esq.	5	1 0	600	*37·4*	42·13	191	136
d Hindhead Waterworks	Wey Valley Water Co.	5	2 7	840	..	42·10	..	140
d **Hindhead** (Littledale)	F. Harrison, Esq.	5	1 0	770	..	40·71	..	..
D **Oakwood Hill** (Honeywood Ho.)	The Lady Tredegar	5	1 0	280	..	37·17	201	147

*Gauge moved in Nov. ¼ mi. W. to Shottermill (Sewage Wks.).

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04in. or more.
SURREY—(*con.*). 6.—THAMES—Wey—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
D Witley (King Edward's School)	E. Townsend, Esq.	5	1 0	300	..	38·32	165	135
D Witley (King George V. Sanatm.)	Dr. J. Watt	5	1 0	305	..	40·03	180	139
D Churt (Furze Hills)	Rev. C. G. O. Bond, M.A.	5	1 6	390	..	39·93	190	141
D Churt (Bron-y-dê)	Rt. Hon. D. Lloyd George	8	1 11	350	..	38·43	188	138
D Hascombe Place	C. T. Musgrave, Esq.	5	1 0	361	*33·5*	39·49	179	138
D Cranleigh (Ruffold Lodge)	R. H. Pearce, Esq.	5	1 3	180	..	34·65	188	139
D Cranleigh (Alderbrook Gdns.)	The late E. A. Chettle, Esq.	5	1 0	530	..	36·94	173	130
Godalming (Hascombe Court)	Sir John Jarvis, Bt.	5	1 0	400	..	40·10	175	142
D Ewhurst (Coneyhurst)	Col. R. J. Few, D.S.O.	8	1 0	561	*33·7*	39·70	184	149
D Ewhurst (The Four Winds)	Miss E. Brooke	5	1 0	809	..	41·29	191	147
D Ewhurst (Woolpit)	L. T. E. Hooper, Esq.	5	1 0	600	..	43·20	195	151
D Cranleigh (Winterfold House)	The Head Gardener	8	1 0	550	..	38·80	181	138
D Frensham (Spreakley Hollow)	A. R. Crossley, Esq.	5	1 0	200	..	37·13	174	135
d Godalming (Munstead Heath)	A. M. P. Hodsoll, Esq.	5	1 0	450	..	39·21	..	139
D Godalming (Ockford P.S.)	The Engineer and Manager.	8	1 0	152	..	36·01	167	128
D Godalming (Borough Rd. P.S.)	The Engineer and Manager	8	1 0	120	..	36·25	165	125
D Godalming (Holloway Hill)	Rev. W. Havard-Jones	5	0 9	200	..	36·45	175	144
Godalming (Filmer Grove)*	Miss Sanderson	.	..	..	..	34·41	..	..
D Godalming (Charterhouse)	O. H. Latter, Esq.	5	1 0	130	*29·2*	34·99	188	136
D Tilford (Brownholm)	J. King, Esq.	5	1 3	275	..	35·57	190	137
d Holmbury St. Mary (Feldemore)	Mr. W. E. Hobday	5	2 6	500	..	42·59	..	121
D Shackleford (Hall Place)	Sir Edgar Horne, Bart.	8	1 2	200	..	36·02	203	144
d Peaslake (Dewdney)	Norman Temple, Esq.	5	1 0	532	..	40·77	..	..
D Peaslake (Southcots)	H. M. Gregory, Esq.	5	1 0	420	..	43·70	189	138
D Bramley (Wood View)	Rev. C. J. Etty	5	1 0	135	..	38·61	173	141
D Abinger Hill School	The Headmaster	5	1 0	670	..	43·10	170	142
D Abinger Common (Goddards)	J. A. Gibbs, Esq.	5	1 0	586	..	42·55	193	142
D Abinger Common (Furzen Wood)	Major E. J. Lugard	5	1 0	555	..	40·31	194	143
Compton (Sandyknowe Gdns.) (A)	Mrs. F. Houghton	8	1 3	250	..	36·17	..	..
D Shere (Manor House)	R. A. Bray, Esq.	5	1 6	330	..	38·41	200	138
d Shere (The Rectory)	Rev. Sir P. M. Bowman, Bt.	5	1 3	200	..	39·63	..	134
d Albury (Dalton Hill Gardens)	Mr. J. Tidy	5	1 0	250	..	38·14	..	·127
D Abinger Hall	Lord Farrer	8	1 0	300	*36·5*	44·40	219	152
D Shalford (The Hutch)	Capt. G. C. Pentland	5	1 4	170	..	33·85	186	132
Farnham (Longley Rd.)	C. Edwards, Esq.	5	0 10	300	..	35·17	166	..
D Farnham (Littleworth Rd.)†	F. R. Walters, Esq., M.D.	5	1 4	440	*31·0*	35·97	208	139
D Farnham (Short Heath Lodge)	Col. G. Chrystie	5	1 0	365	*29·8*	35·13	168	140
D Puttenham (Berthorpe)	Capt. E. H. Tuckwell, M.C.	5	1 0	350	..	36·45	182	135
D Guildford (Pilgrim Wood)	H. A. Powell, Esq., M.D.	5	1 0	320	..	34·69	180	127
D Guildford (Pewley Hill)	Miss H. S. Pitman	5	1 0	365	..	36·86	216	138
D Guildford (West Mount)	Miss M. E. Powell	5	1 0	220	..	35·87	197	136
d Guildford (Kilvington)	Miss Meynell	5	1 0	300	..	35·36	(185)	(134)
d Guildford (Wood Street)	J. Taylor, Esq.	5	1 6	150	..	36·70	..	135
D Normandy (The Manor House)	E. S. Hose, Esq., C.M.G.	5	1 4	149	..	33·56	170	128
D Merrow (Stoodwell)	S. Eustace, Esq.	5	0 10	250	..	35·69	169	133
D East Clandon (Hatchlands)	F. A. Akers, Esq.	5	1 0	340	..	36·23	186	118
D West Clandon	W. Fidkin, Esq., C.E.	8	1 0	319	..	37·37	176	133
D West Clandon (Newlands)	R. C. Patrick, Esq.	5	1 0	200	..	34·95	187	130
D Worplesdon (Tangley Place)	E. J. W. Jeudwine, Esq.	5	1 10	150	..	32·06	164	134
d Worplesdon (Golf Club)	The Secretary	5	1 6	168	..	31·92	..	126
D Send (Woodside)	G. M. Osborne, Esq.	8	0 10	146	..	32·39	174	126
D E. Horsley (Forest Lane)	H. Blanchard, Esq.	5	1 0	176	..	36·26	173	130
D Woking (The Grange)	Miss M. E. Wilson	5	1 0	78	*26·1*	33·77	202	142
D Woking (Westfield)	Vernon B. Longhurst, Esq.	5	1 0	100	..	32·32	181	131
D Woking (Hook Heath)	W. S. Patterson, Esq.	5	1 0	160	..	30·80	160	140
D Woking (York Road)	L. C. Norris, Esq.	5	1 0	120	..	30·95	172	124
D Woking (The Green)	Mrs. G. E. Howlett	5	0 9	122	..	31·69	171	134
d Brookwood (Sheets Heath)	Captain H. J. Cann	5	1 0	200	..	31·29	..	..
D Old Woking (Sewage Works)	Woking U.D.C.	5	0 6	76	..	31·38	167	130
D Woking (Percy Street)	W. Fidkin, Esq., C.E.	8	1 0	100	..	31·41	159	128
Woking (Goldsworth)	Mrs. S. Slocock	5	1 4	110	..	31·01	..	..
D Woking (Goldsworth Rd. Depot)	Woking U.D.C.	5	2 6	96	..	32·22	163	137

* Data supplied by Engineer and Manager, Godalming W.W.

†Station formerly called Crooksbury Ridges.

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SURREY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	6.—THAMES—Wey—(*con.*).								
d	Woking (Maybury Hill)	Sister Anita	5	1 7	150	..	(31·96)	..	..
D	**Horsell (The Vicarage)**	**Rev. Canon Norman Pares**	5	1 1	140	..	27·87?	156	121
D	Byfleet (WISLEY R.H.S. Gdns.)	The Director	8	1 0	150	24·1	31·25	180	134
D	**Wisley (Outfall Works)**	**Woking U.D.C.**	5	1 0	55	..	31·20	153	134
D	**West Byfleet (Starcross)**	**Walter W. Way, Esq.**	5	1 0	110	..	32·65	158	130
d	West Byfleet (Scotland Bridge)	Woking U.D.C.	5	1 0	66	..	30·22	..	129
D	**Weybridge (Harwood)**	**Lt.-Com. J. K. Elliott, R.N.**	5	0 11	150	..	27·83	170	121
D	**Weybridge (St. Michael's)**	**H. I. Bond, Esq.**	5	1 0	115	..	28·50	180	127
D	**Weybridge (Heath Field)**	**Miss A. T. Gardiner**	5	1 0	100	..	28·61	150	122
D	Addlestone	W. V. Davies, Esq., C.E.	8	1 0	42	..	31·29	188	129
D	**Weybridge (Oil Mills)**	**A. Whittet, Esq.**	5	1 0	36	*24·1*	29·50	171	119
	7.—THAMES—Bourne. 55 sq. mi.								
D	Bisley School	W. B. Paddock, Esq.	5	1 4	140	..	29·54	162	117
D	**Knap Hill (Ulundi)**	**G. C. H. Simmonds, Esq.**	5	1 0	180	..	32·34	159	127
D	**Knap Hill Nurseries**	**Donald Waterer, Esq.**	5	1 0	105	..	32·20	170	128
D	**Chobham (Sandpit Hall)**	**K. H. Power, Esq.**	5	1 0	100	*26·7*	31·27	168	126
D	**Chobham (West End)**	**F. A. Walter, Esq.**	5	1 0	150	..	30·85	197	135
D	**Bagshot (Charlton)**	**W. Perry, Esq.**	5	0 10	215	..	33·10	162	136
d	Bagshot	J. Waterer Sons & Crisp, Ltd.	5	1 0	265	..	31·08	..	..
D	**Chertsey (Ottershaw)**	**L. H. Seccombe, Esq.**	5	1 0	200	..	28·53	152	125
D	Windlesham (Windlesham Ho.)	R.Adml.A.Cochrane,C.M.G.	5	1 0	200	..	32·52	180	135
D	**Upper Childown (Long Cross H.)**	**Miss C.M.Leycester-Penrhyn**	5	1 0	220	..	31·19	211	128
d	Sunningdale (Hilltop)	E. F. Cecil, Esq.	5	1 0	280	..	29·59	..	121
D	Chertsey	W. V. Davies, Esq., C.E.	8	1 3	47	..	29·18	175	121
D	**Chertsey (Abbey Meads)**	**W. Fidkin, Esq., C.E.**	8	1 0	53	..	27·17	167	117
D	**Virginia Water (S. Ann's Heath)**	**H. Y. Summons, Esq.**	8	1 1	80	*25·4*	29·70	159	127
D	Englefield Green (Harvest Rd.)	H. Fermor, Esq.	5	1 0	205	..	28·20	171	123
D	Egham (Kingswood Sch.)	The Rev. Mother Superior	5	1 0	250	..	25·29	151	113
	8.—THAMES—Lodden. 17 sq. mi.								
d	Frimley Green Waterworks	Mid Wessex Water Co.	5	1 7	213	*24·6*	28·67	..	111
D	Frimley Green (Ridgemount)	C. C. Haviland, Esq.	5	0 9	350	*29·1*	33·80	192	133
D	Camberley (Way's End)	E. Ernest Green, Esq.	5	0 11	295	..	31·53	179	130
D	Camberley (Cordwalles)	C. H. Ledward, Esq.	5	1 0	400	..	30·07	177	121
	KENT. (Area, 1,532 sq. mi.)								
	1.—ROTHER & C. 217 sq. mi.								
D	DUNGENESS (Lighthouse)	Chief Officer R.N. Sig. Stn. (M.O.)	8	0 11	20	24·4	31·22	179	136
D	**Lydd (The Paddock)**	**Dr. J. A. Proctor**	5	1 0	10	..	34·01	182	133
D	**Lydd (Westbroke House)**	**A. G. Finn, Esq., J.P.**	5	1 0	10	..	32·07	175	139
D	New Romney (Craythornes)	S. H. LeRoy-Lewis, Esq.	5	1 0	13	..	36·58	174	143
D	**Dymchurch (Hoornes)**	**Mrs. Paddock**	5	1 0	9	..	34·17	168	133
D	**Appledore (The Well House)**	**Dr. F. W. Cock**	5	1 5	23	..	35·52	176	141
D	**Hawkhurst (Moor House)**	**F. S. Springett, Esq.**	5	1 0	208	..	38·61	154	136
D	**Hawkhurst (Hensill)**	**Mrs. F. Ross Thomson**	5	1 0	175	*30·6*	40·37	184	135
D	**Kenardington (The Firs)**	**Cmdr. F. H. Lyon, D.S.O.**	5	1 2	65	..	32·44	182	136
D	**Tenterden (Ashenden)**	**T. C Norris, Esq.**	5	1 0	190	27·5	37·04	168	142
D	Benenden (National Sanat'm)	The Medical Superintendent.	5	1 0	150	..	33·01	188	156
D	**Hythe**	**M. J. Harvey, Esq., C.E.**	5	0 9	12	*28·0*	34·05	181	141
D	**Hythe (Douglas Avenue)**	**W. H. Elder, Esq.**	5	1 9	33	..	32·50	187	143
D	Hythe (Sandling Park)	Capt. A. E. Hardy	8	1 0	260	*30·4*	37·36	170	152
D	Saltwood (Cylinder)	Miss M. Lethbridge	5	1 0	230	..	36·47	185	152
D	FOLKESTONE (Borough Sanat'm)	Borough Engineer	5	1 0	101	*28·6*	35·49	182	136
D	**Folkestone (Cherry Gardens)**	**The Engineer**	5	1 6	230	29·1	36·23	180	157
D	**Folkestone (Lower Standen)**	**The Engineer**	5	2 11	250	..	32·64	175	149
D	DOVER (Waterloo Crescent) (+A)	W. B. Smith, Esq., C.E.	8	1 0	22	..	34·78	183	137
D	**Dover (Waterworks)**	**W. B. Smith, Esq., C.E.**	5	1 6	200	*30·0*	34·80	163	135
D	**Dover (Buckland)**	**Guy Mannering, Esq.**	8	1 6	50	..	40·85	162	138
D	Dover (River, Gwydr) (+A)	Cyril G. W. Lewis, Esq.	5	1 0	150	..	37·93	192	143
D	**Kearsney (Chilton Farm)**	**W. B. Smith, Esq., C.E.**	5	1 6	127	*33·5*	41·02	181	161

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Rain-gauge Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in or more.
KENT—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—STOUR & C. 386 sq. mi.								
D LYMPNE (Airport)..... (+A)	Meteorologist-in-Charge ...	8	1 0	346	*28·5*	35·08	193	138
D Sellindge (Council School).....	S. H. Serpell, Esq.....	5	1 0	200	..	40·64	184	149
D Smeeth School.....	W. H. Wetherell, Esq.....	5	1 0	300	..	38·90	200	155
D Lyminge (Elham Valley W.W.)....	Phillip Harris, Esq	5	1 6	445	..	41·53	207	157
D Ashford (Gas Works)	L. G. Kimmins, Esq.	5	0 11	125	..	34·69	195	151
d Swingfield (The Forge).....	T. Dixon, Esq., Jnr.....	5	1 0	560	..	41·25	(169)	(153)
D Ashford.....	B. H. Headley, Esq.....	5	1 0	190	..	37·76	217	161
D Ashford (Albert Road).....	A. E. Brounger, Esq.....	5	1 0	185	..	35·78	203	152
d Elham (Bladbean Farm).....	Capt. T. L. Wall	5	0 9	459	..	43·07	..	153
D Dover (Martin Mill Pump. Stat.)...	F. L. Ball, Esq.....	5	1 0	287	..	39·29	181	143
d Elham (Domel).....	J. Hill, Esq.....	5	1 6	459	..	43·72	(171)	(155)
D WYE (Agricultural College)	S.E. Agric. College	5	1 0	164	..	37·52	189	152
D Waldershare Rectory.....	Rev. H. Saumarez Smith...	5	1 0	275	..	39·46	196	149
D Waldershare Park Gardens.....	J. Haggett, Esq.....	8	1 0	250	*33·2*	39·90	181	144
D Shepherdswell (Upton Lodge).....	Rutley Mowll, Esq.....	5	1 0	300	..	41·31	191	145
D Boughton Aluph (Fairlawn).....	E. Simmons, Esq.....	5	1 3	220	..	33·84	200	154
D Charing Pumping Station.....	F. L. Ball, Esq.....	5	1 0	295	..	30·54	186	144
D Charing (Pett Place) *new g*.....	Brig.-Gen. T. M. S. Pitt....	5	1 0	300	..	35·65	193	146
D Deal and Walmer W.W.....	W. Mantle, Esq.	5	1 0	110	*28·0*	34·99	175	141
D Barham (Old House)	L. S. Osmaston, Esq.	5	0 9	175	..	36·03	187	140
D Barham House.....	Col. R. G. Clarke	5	0 9	194	..	38·67	188	146
D Barham Pumping Station.....	F. L. Ball, Esq.....	5	..	173	..	37·51	183	144
D DEAL (Wellington Road)	The Town Clerk	5	1 0	25	..	28·50	151	120
D Worth (Upton House).....	Capt. W. Elwin Napier	5	1 0	32	*27·7*	34·81	172	132
D Worth (Felder Lodge).....	J. S. Campbell, Esq.....	5	0 10	26	..	31·69	188	138
D Wingham (Margate W.W.).....	Mr. J. H. Parker.....	5	1 0	138	*28·7*	34·27	181	138
D Chilham (Lower Ensden).....	F. Ivo Neame, Esq.....	5	3 0	305	..	35·01	186	151
D Wingham Boys' School.....	The Headmaster.....	5	1 0	55	..	31·35	187	148
D Canterbury (Old Dover Ho.).....	Legh S. Powell, Esq.....	5	1 1	70	..	33·00	168	140
D CANTERBURY (Medical Hall)	A. Lander, Esq.....	5	1 0	124	..	30·58	183	127
D Canterbury (London Road).....	Miss B. Spillett.....	5	1 0	66	*28·7*	30·83	174	139
D Canterbury (Irrigation Works)....	The Manager	5	2 6	15	*27·5*	32·13	190	144
d Canterbury (Rough Common)....	R. W. Wood, Esq.....	5	1 0	285	..	31·00	..	134
D RAMSGATE (East Cliff)..... (+A)	Borough Engineer	8	1 0	80	*24·0*	26·12	180	123
D Ramsgate (Archer House).....	Miss M. A. G. Saunders ...	5	1 0	75	..	26·23	177	137
D MANSTON (Aerodrome) ..... (+A)	Meteorological Officer.....	8	1 0	142	..	25·73	174	132
D Birchington (Acol Farm).....	C. S. Willett, Esq.....	5	2 0	30	..	24·96	160	129
D Reculver.....	Allington Collard, Esq.,....	5	5 2	27	*21·8*	25·76	159	132
D Broadstairs (Domus).....	Capt. W. B. Marling.....	8	1 0	60	..	27·10	154	130
D Broadstairs (Collis Court Road)...	A. Watkins, Esq.....	5	1 0	120	..	26·81	186	136
D St. Peter's (Hildersham House) ..	The Surveyor	5	0 9	145	23·7	27·62	175	136
d Birchington (Hollydene).....	W. Tomlin, Esq., Junr.....	5	6 0	75	..	25·04	..	132
D MARGATE (Cliftonville).....	The Town Clerk	5	1 0	51	22·8	22·56	167	123
3.—SWALE & C. 167 sq. mi.								
d Selling (Grove House).....	F. Ivo Neame, Esq.....	5	1 5	330	..	34·63	..	141
D Selling (Luton).....	F. Ivo Neame, Esq.....	5	4 9	300	*30·4*	38·14	192	148
D Sittingbourne (Torry Hill).....	D. Leigh Pemberton, Esq...	5	1 0	497	..	34·99	189	148
D Faversham (Water Wks.)	The Engineer & Manager...	8	1 6	130	..	31·12	186	140
d Ospringe (Queen Court).....	L. H. Finn, Esq.....	8	1 3	50	..	31·09	..	130
D Ospringe (Lorenden)	L. H. Finn, Esq.	5	1 6	175	..	31·08	190	133
D Faversham (Portway).....	C. Gordon Neame, Esq.....	5	3 6	180	..	31·45	173	140
Teynham (Norton Court).....	A. L. Mercer, Esq.....	5	1 6	90	..	31·41	185	141
D Teynham (New Gardens).....	Mrs. Honeyball.....	5	1 5	30	*24·5*	26·64	176	125
d Graveney Marshes.....	L. H. Finn, Esq.....	8	2 3	6	..	25·09	..	111
d Milton Regis (Sewage Works).....	Sittingbourne U.D.C.....	5	1 1	19	..	23·85	..	..
Herne Bay (Waterworks).....	J. Roberts, Esq.....	5	1 0	130	*22·8*	25·71	..	..
D HERNE BAY (Memorial Park)	The Surveyor	5	1 0	21	..	23·25	176	123
D Sheerness.....	Dr. W. C. D. Hills.....	5	1 0	9	..	23·62	162	127
4.—MEDWAY. 506 sq. mi.								
D GOUDHURST (Bedgebury Forest)...	Forestry Commission.....	5	1 0	290	..	40·61	193	146
D Goudhurst(Bedgebury Pk. Gdns.).	Mr. H. Arnold.....	5	1 0	280	..	41·06	171	153

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Rain-gauge: Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
	KENT—(*con.*).		*in.*	*ft.* *in.*	*ft.*	*in.*	*in.*		
	4.—MEDWAY—(*con.*).								
D	Kilndown School	J. A. Ager, Esq.	5	1 3	365	..	39·00	185	151
D	Scotney Castle	E. W. Hussey, Esq.	5	3 9	203	*26·8*	36·00	180	140
D	Cranbrook (Little Glassenbury)	J. I. Stirling, Esq.	5	0 10	360	..	38·30	189	141
d	High Halden (Middle Quarter)	Mrs. J. E. Budding	5	1 0	114	..	35·57	..	..
D	Goudhurst (Gore Court)	J. A. Druce, Esq.	5	1 0	197	*30·3*	35·00	164	141
D	Tunbridge Wells (Hawkenbury).	D. W. Horner, Esq.	5	1 6	435	..	42·80	190	140
D	Tunbridge Wells (Rustall Grange)	Mrs. Robins	5	1 0	440	..	41·07	180	143
D	Tunbridge Wells (Langton Green)	Miss E. M. Pott	5	1 0	420	..	42·06	212	146
D	Tunbridge Wells (Calverley Pk.)	Medical Officer of Health	5	1 0	355	..	38·60	180	131
D	Tun. Wells (The White House)	Miss Monica G. Robins	5	1 1	300	..	41·74	184	151
D	Mathield (Kings Mead)	Henry Hills, Esq.	5	1 4	390	..	38·21	166	133
D	Brenchley (The Warren)	Capt. Carl Langer	5	0 6	275	..	38·52	186	153
D	Speldhurst Rectory	Rev. Canon H. Masters	5	0 10	334	..	37·65	176	138
D	Pembury (The Spring)	Miss A. P. Fowler	5	1 0	416	..	41·92	200	163
D	Pembury Waterworks	H. P. Bishop, Esq., C.E.	8	1 8	197	..	38·25	176	134
D	Penshurst (Smarts Hill Res.)	Penshurst Water Committee	5	0 10	336	..	36·73	171	136
D	Markbeech (Edells)	Miss M. F. Pearse	5	1 0	320	..	38·40	193	147
D	Edenbridge (Falconhurst)	Hon. Mr. Justice Talbot	5	1 6	375	30·7	40·44	179	153
D	Edenbridge (Stonewall Pk.)	Lt.-Col. E. R. Meade-Waldo, D.S.O.	5	1 1	344	..	40·80	165	140
D	Edenbridge (Gilridge)	J. Mavrogordato, Esq.	5	1 0	400	..	39·81	186	143
D	Edenbridge (Hever Castle)	Mr. A. McCutcheon	5	1 0	200	..	38·29	177	141
D	Headcorn (Upalong)	R. S. Hartree, Esq.	5	1 6	100	..	29·75	171	136
d	Pluckley (Brick Works)	Guy G. Davies, Esq.	5	1 6	112	..	30·48	(208)	(147)
D	Edenbridge (Skeynes)	B. Walmsley, Esq.	5	3 0	200	..	38·44	170	151
D	Tonbridge (Mabledon Park)	J. F. W. Deacon, Esq.	5	1 0	190	..	37·71	184	135
D	Tonbridge (Ingleside)	A. H. Neve, Esq.	5	1 1	160	..	36·50	189	131
D	Tonbridge (Thorpe Avenue)	F. J. Reed, Esq.	5	1 5	150	..	34·78	177	138
D	Hildenborough (Gailes)	E. E. Roper, Esq.	5	1 0	159	..	34·85	163	134
D	Hildenborough (Hollanden Ho.)	C. H. Scott, Esq.	8	1 0	99	..	35·57	193	148
D	Hildenborough (Old School Cot.)	J. S. Roper, Esq.	5	1 0	275	..	35·10	180	136
D	East Peckham (Woodbine)	W. H. Pearson, Esq.	8	1 0	48	..	31·56	179	136
D	Langley (Rumwood Court)	Mr. W. J. Gould	5	1 9	354	..	32·78	194	144
D	Lenham	D. F. Tysoe, Esq.	5	1 6	400	..	34·20	163	132
D	Nettlestead (Old Quarry)	W. Pye-English, Esq.	5	1 0	286	..	32·16	221	154
D	Otham (Synyards)	Ambrose Boyson, Esq.	5	1 0	315	..	34·14	211	159
d	Sevenoaks (River Hill) *new g*	Lt.-Col. J. M. Rogers, D.S.O.	5	1 6	500	30·0	38·18	..	144
D	Hollingbourne (Penn Court)	S. Lucy, Esq.	5	1 1	261	..	33·24	197	151
D	Maidstone W. W. (Barming)	C. H. Harden, Esq., C.E.	5	1 4	245	..	31·26	176	141
D	Wrotham Heath (Huntsman's Ldge.)	The late G. B. Kershaw, Esq.	5	1 9	284	..	36·06	170	146
D	Maidstone (Grammar Sch.)	C. W. R. Hodges, Esq.	5	1 0	156	..	31·14	169	135
D	Maidstone (Mill Street)	T. F. Bunting, Esq.	8	6 0	37	..	30·61	194	143
D	Maidstone (Brenchley Gardens)	T. F. Bunting, Esq.	5	0 9	49	..	31·45	180	144
D	East Malling (Belvidere)	O.I.L. Bird, Esq.	5	1 9	250	..	33·00	168	143
D	East Malling (Research Station)	The Principal	8	1 0	132	..	30·36	177	134
d	Maidstone (Allington Lock)	Mr. W. Smith	5	1 0	20	..	30·63	..	140
D	Aylesford (Forstal P. Stn.)	C. H. Harden, Esq., C.E.	5	1 4	20	..	30·21	181	138
D	Detling (The Croft) *new g*	R. Cooke, Esq.	5	1 0	330	*27·3*	33·42	213	149
D	Trosley Pumping Station	F. L. Ball, Esq.	5	1 8	250	..	34·00	185	139
D	Maidstone W.W. (Boxley)	C. H. Harden, Esq., C.E.	5	1 0	286	..	32·48	166	130
D	Chatham (Woolmans Wood)	W. Coles Finch, Esq., C.E.	5	3 0	470	..	31·60	163	132
D	Halling Pumping Station	F. L. Ball, Esq.	5	1 0	75	..	31·11	166	146
D	Chatham (Nashenden P.S.)	W. Coles Finch, Esq., C.E.	5	0 9	125	..	29·87	173	133
D	Chatham (Luton W.W.)	W. Coles Finch, Esq., C.E.	5	3 0	88	..	29·76	184	140
D	Rainham (Motney Hill)	J. B. Harvey, Esq.	5	1 0	28	..	28·18	181	132
	Rochester (Deanery Gate)	Warwick Stunt, Esq.	5	2 0	50	..	25·84	172	118
D	Strood Waterworks	(+A) W. Law, Esq., C.E.	5	1 0	112	..	26·88	174	132
D	Stoke Vicarage	Rev. A. E. Ottaway	5	0 10	80	..	22·24	178	127
	5.—THAMES—Darent & c. 256 sq. mi.								
d	Westerham Town	Met. Water Board	5	1 0	380	..	36·25	..	..
D	Westerham Hill Pumping Stat.	Met. Water Board	5	1 0	539	..	40·43	203	150
D	Sundridge Rectory	Rev. Canon C. C. Gosselin	5	1 0	280	..	37·15	183	135

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
KENT—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—THAMES—Darent & c.—(*con.*).								
D Sundridge Pumping Stn.	Met. Water Board	5	1 0	270	..	36·74	172	133
Sevenoaks (Tonbridge Rd. Res.)	E. H. Evans, Esq.	5	1 6	556	..	39·15	..	..
D Sevenoaks (Knole Park)	The Head Gardener	5	1 0	500	..	38·27	177	140
d Tatsfield (Betsoms Hill)	Met. Water Board	5	1 0	820	..	39·93	..	..
w Seal (Oak Bank Reservoir)	E. H. Evans, Esq.	8	1 0	550	..	37·32	..	..
w Seal (St. Lawrence Reservoir)	E. H. Evans, Esq.	8	1 0	665	..	37·29	..	..
w Seal (Kemsing Pumping Stat.)	E. H. Evans, Esq.	5	1 0	292	..	34·35	..	..
D Sevenoaks (Chevening Gardens).	Mr. J. C. Sutton	5	1 0	360	..	40·55	189	149
d Knockholt (Kent Waterworks)	Met. Water Board	5	1 0	785	*29·9*	41·57	..	..
D Biggin Hill (Aerodrome)	Assistant-in-Charge	8	1 0	567	31·4	36·12	192	139
D Chelsfield (Hewitts)	W. A. Waring, Esq.	5	4 0	476	..	34·46	176	131
D Eynsford Pumping Station	Met. Water Board	5	1 0	100	..	30·46	168	133
D Eynsford Hill	Arthur Mee, Esq.	5	1 0	358	..	30·27	199	123
D Orpington (Kent Waterworks)	Met. Water Board	5	1 0	220	..	33·30	180	138
d W. Wickham (Council Sch.)	L. W. Alen, Esq.	5	1 7	220	..	31·51	(164)	(126)
d W. Wickham (Woodland Way)	D. A. Worthington, Esq.	5	0 9	325	..	31·29	..	..
Crockenhill (Wested Farm)	A. T. Miller, Esq.	5	1 6	331	..	29·70	..	..
D Cobham (Crossways)	Miss F. H. Pye	5	3 0	320	..	33·51	194	142
D Bickley (Farrants)	Miss Chalmers	5	1 0	250	25·9	30·30	168	134
d Beckenham (Park Langley)	G. H. Preston, Esq.	5	1 0	210	..	27·56	..	132
Bromley (Sundridge Avenue)	Dr. H. Wynne Thomas	5	1 0	270	24·7	28·28	..	..
D Bromley (+A)	Borough Engineer	5	1 0	213	24·2	27·08	165	129
D Beckenham (Croydon Rd.)	The Surveyor	8	1 0	110	..	27·57	169	132
d Penge (Recreation Ground)	H. W. Longdin, Esq., C.E.	5	1 1	122	24·6	27·86	..	122
D Anerley (Oakfield Road)	Miss S. Stannard	5	1 5	180	..	27·11	169	126
d Chislehurst (Hawkwood)	Miss M. C. Edlmann	5	1 0	300	..	28·80	..	131
Chislehurst (Holbrook Lane)	W. P. Jones, Esq.	5	1 0	325	25·1	29·03	..	..
D Chislehurst (Scadbury Park)	Mr. B. Orchard	5	1 0	250	24·6	27·46	182	134
D Swanley (Horticultural College)	The Principal	5	1 0	155	..	25·74	177	128
D Southfleet (Hook Place Farm)	J. Barker, Esq.	5	1 0	100	..	26·19	156	129
D Southfleet (Kent Waterworks)	Met. Water Board	5	1 0	82	..	26·07	167	124
D Wilmington (Kent Waterworks)	Met. Water Board	5	1 0	25	..	26·22	177	129
D New Eltham	G. E. Dacey, Esq.	5	1 0	157	..	27·98	182	137
d Gravesend (Trosley Avenue)	F. Pettingale, Esq.	5	1 2	50	..	24·47	..	120
D Dartford (Tower Road)	C. O. Hunt, Esq.	5	0 6	125	..	23·71	175	131
D Stone (City of Lond. Ment. Hosp.)	A. W. Fletcher, Esq.	5	1 0	115	..	24·12	167	123
D Dartford (Sewage Works)	The Resident Engineer	5	1 0	14	..	24·37	163	129
D Erith Sanatorium	Erith U.D.C.	5	1 0	182	..	24·87	156	126
D Erith (Sewage Works)	Erith U.D.C.	5	1 0	13	..	23·90	146	125
D Erith (St. Joseph's Convent)	Erith U.D.C.	5	1 0	213	..	26·38	154	122
D Higham Waterworks	C. H. Clark, Esq.	8	1 0	141	..	26·93	183	130
D Erith (Crossness)	London County Council	14	0 6	16	20·8	22·21	169	120
SUSSEX. (Area, 1,458 sq. mi.)								
1.—LAVANT & C. 175 sq. mi.								
D Bognor Regis (Greenways Sch.)	D. S. Hancock, Esq., F.R.Met.S.	5	1 0	25	..	36·06	174	131
D Bognor Regis (Waterloo Square)	The Town Clerk	8	1 0	24	25·9	38·16	187	134
D Bognor Regis (Albert Road)	W. L. Guermonprez, Esq.	8	1 0	17	..	36·49	191	132
D North Mundham Vicarage	Rev. A. F. H. Outram	5	0 9	0	..	40·62	194	146
D Merston (Abelands)	Miss V. Kennard	5	0 6	24	..	35·85	172	138
D Bosham (Cobnor)	Major S. W. P. Beale	5	1 0	12	..	36·02	183	131
D Chidham (Chidmere)	H. Ll. Baxendale, Esq.	5	0 9	14	..	34·48?	160	128
D Chidham P. School	The Headmaster	5	1 0	10	..	36·12	178	134
D Chichester (Kingsham Farm) (R)	W. Lawson, Esq.	8	0 10	35	..	37·68	205	149
D Chichester (West Street)	Dr. W. Dick	5	1 0	40	..	35·51	166	130
d Chichester (County Hall)	Stanley Morris, Esq.	5	1 0	45	..	37·45	(178)	(141)
d Chichester (Oakwood House)	Mrs. Baring Du Pre	5	1 0	101	..	39·02	..	132
D Emsworth (Westbourne)	W. M. Christy, Esq.	5	1 0	40	..	37·13	170	132
D Boxgrove (Strettington Ho.)	Mrs. W. J. R. Wingfield	5	1 0	95	..	40·66	177	142
D Funtington House	J. A. Greenwood, Esq.	5	1 0	95	..	41·09	189	138

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

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SUSSEX—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—LAVANT & C.—(*con.*).								
D Lavant	Miss J. F. Paxton	5	1 0	100	..	40·10	166	135
D Chichester (Goodwood Gardens)	Duke of Richmond&Gordon	5	1 1	133	..	45·76	198	151
D Emsworth (Stansted Park)	Earl of Bessborough	5	2 6	140	..	40·93	226	149
D Emsworth (Watergate House)	W. M. Christy, Esq.	5	1 0	222	..	43·31	185	148
D West Dean Park	W. A. Mackenzie, Esq.	5	1 0	190	..	45·86	170	151
D Chilgrove House	E. L. Woods, Esq.	5	1 0	266	35·0	43·82	172	141
D Compton (Compton House)	Miss K. B. Langdale	5	1 0	263	36·6	43·96	190	148
2.—ARUN. 285 sq. mi.								
D LITTLEHAMPTON (Met. Station)	Clerk to the U.D.C.	5	1 0	15	..	35·60	171	125
d Rustington (Bracondale Nurs.)	J. Muir, Esq.	5	0 10	30	..	37·24	..	..
D Lyminster Vicarage	Rev. Dr. S. P. Duval	5	1 6	20	..	35·29	183	133
D Arundel (Cross Bush)	Miss M. Orme	5	1 3	125	..	38·10	185	131
D Patching Farm	Michael Drewitt, Esq.	5	1 0	180	30·8	41·29	175	135
D Arundel Castle	The Duke of Norfolk	5	1 0	106	..	40·57	171	132
Bury (Rover's Cottages)†	C. P. Gates, Esq.	5	1 0	70	..	44·28	..	..
Harting (Down Place)	R. G. Blackwell, Esq.	5	1 2	401	..	43·43	160	139
D Storrington (Greyfriars)	Capt. J. R. Abbey	5	1 0	250	..	48·98	164	141
D Storrington (Badgercroft)	P. Herington, Esq.	5	0 6	250	..	50·58	186	144
D Storrington Rectory	Mrs. Faithfull	5	1 1	150	..	45·58	174	143
Bignor	Major G. B. Hill	5	1 0	175	..	47·79	..	..
D Pulborough (Parham)	Hon. Clive Pearson	5	1 6	98	..	46·06	169	131
D Pulborough (Codmore Hill)	Rev. C. Ash	5	2 0	165	..	39·93	194	149
D Midhurst (Peachey House)	H. R. Amoore, Esq.	5	1 7	97	..	41·99	183	134
d Petworth Park Gardens	Lord Leconfield	5	1 0	182	..	42·33	..	130
D Tillington (Westmoor)	Mrs. Randall	5	1 0	200	..	42·25	191	143
D Midhurst (Fairview)	Miss P. Eames	5	1 0	200	..	42·71	178	136
D Tillington (River House)	Hon. Lady Cunliffe, C.B.E.	5	1 0	230	..	40·37	154	124
W Rogate (Durford Wood)	Mrs. A. M. Kennion	5	0 9	400	..	40·25	..	..
D Rogate (Old Copse)	Miss E. Barton	5	1 0	500	..	37·81	165	132
D Kirdford (Brownings)	B. de. F. Osmaston, Esq.	5	2 0	100	..	39·36	161	139
D Kirdford (Hills Green)	L. Baker, Esq.	5	1 0	150	..	35·11	156	123
D Liss (Hill Brow)	F. W. Beckford, Esq.	5	1 0	488	..	43·19	187	132
D Horsham (Whites Bridge)	C. G. Atkinson, Esq.	5	1 0	139	..	39·01	176	135
D Lower Beeding (The Warren)	Leicester M. Reed, Esq.	5	0 10	430	..	40·66	177	140
D Horsham (Christ's Hospital)	Major Gabriel Green, M.C.	5	2 6	160	..	35·61	165	133
D Horsham (Tower Hill)	Mrs. C. Marsh	5	1 0	220	..	36·47	184	132
D Horsham (Sewage P.S.)	C. G. Atkinson, Esq.	8	1 0	118	..	38·25	181	139
D Horsham (Wimblehurst)	Miss E. M. Allcard	5	1 0	195	30·0	37·84	175	129
d Horsham (Dunedin)	A. C. Holland, Esq.	5	1 0	180	..	39·88	..	121
D Rusper (The Nunnery)	Sir Cecil J.B. Hurst, G.C.M.G.	5	1 6	260	..	38·46	182	141
3.—ADUR & C. 237 sq. mi.								
D Peacehaven	Commander W. S. Davenport	5	1 0	119	..	37·40	166	137
D Rottingdean School	Mr. T. A. Sandalls	8	1 0	120	..	37·07	182	133
D Rottingdean (Hillside)	Admiral H. J. L. Clarke, C.B.E.	5	1 0	60	..	37·04	162	129
D WORTHING (Beach House Pk.)‡(+A)	Medical Officer of Health	8	1 0	25	27·5	37·74	173	130
D BRIGHTON (Old Steyne)	Medical Officer of Health	5	1 0	32	28·1	39·39	164	129
D High Salvington (Hayling Rise)	H. R. McCarthy, Esq.	5	1 0	250	..	42·40	182	141
D Portslade	E. C. Smith, Esq.	5	1 0	5	..	37·50	170	130
D Hove	Medical Officer of Health	5	1 6	27	..	38·55	176	132
D Hove (Park House)	Guy Michell, Esq.	5	1 0	120	..	41·68	191	146
D Hove (Old Shoreham Rd.)	Chas. Modlen, Esq.	5	0 11	145	..	42·12	189	142
D Lancing College	The Headmaster	5	1 0	120	..	41·22	187	137
D Brighton W. W. (Goldstone Bot.)	A. B. Cathcart, Esq., C.E.	8	1 0	142	..	40·27	190	132
D Brighton W.W. (Lewes Road)	A. B. Cathcart, Esq., C.E.	8	1 0	135	29·9	44·47	191	141
D Brighton W.W. (Shoreham)	A. B. Cathcart, Esq., C.E.	8	1 8	12	..	43·32	192	140
D Brighton W.W. (Mile Oak)	A. B. Cathcart, Esq., C.E.	8	1 3	166	..	40·93	180	137
D Brighton W.W. (Race Hill Res.)	A. B. Cathcart, Esq., C.E.	8	1 3	469	..	45·35	191	139
D Falmer (Brighton W.W.)	A. B. Cathcart, Esq., C.E.	8	1 4	202	..	45·64	185	141

† Previously at Arundel (Houghton).
Gauge moved 90 yds. S. March 1935

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SUSSEX—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—ADUR & C.—(*con.*).								
D Patcham (Vale Avenue)	G. Berry Hamlin, Esq.	5	1 0	205	..	47·56	194	149
D Patcham (Brighton W.W.)	A. B. Cathcart, Esq., C.E.	5	0 11	206	..	42·71	177	137
D Washington Vicarage	Rev. A. H. S. Pattrick	5	1 0	251	..	50·00	192	138
D Hassocks (Wilmington Lodge)	C. T. Agar, Esq.	5	1 0	200	..	47·62	169	135
D Hassocks (The Croft)	Harold Taylor, Esq., M.A.	5	1 0	200	..	49·80	172	136
d Keymer	J. Francis Jupp, Esq., C.E.	5	1 0	150	..	44·08	..	132
D Henfield (Park House)	Miss H. Dixon Brown	5	1 0	100	..	42·60	190	137
D West Grinstead (Danefold)	Miss T. Gaisford	5	1 0	130	..	37·83	182	136
D Coolham	C. E. Cleeves, Esq.	5	1 0	80	..	39·99	176	140
D Billingshurst (Duncan's Farm)	Miss Edith Beck	5	1 0	130	..	41·15	188	144
D Slinfold (Elmhurst Farm)	Elmhurst Fmg. & Trdg. Co.	5	0 10	200	..	40·16	174	137
4.—OUSE.—224 sq. mi.								
D Seaford (Bowden Ho. School)	J. F. Thomas, Esq	5	1 0	190	..	37·40	168	134
D Seaford (Newlands)	T. D. Manning, Esq., F.R.Met S.	5	1 0	100	..	37·32	171	137
D Seaford (Southdown School)	C. W. Perfect, Esq.	5	1 6	120	..	36·56	162	127
D SEAFORD	The Surveyor	5	1 0	140	..	34·37	176	136
D Newhaven (Poverty Bottom W.W.)	F. B. Lumsden, Esq.	8	1 0	51	..	40·93	188	139
d Lewes (Littledene)	Mr. J. R. Howard	8	1 6	58	..	44·35	..	127
D Lewes W. W. (Kingston)	J. T. P. Johnston, Esq.	8	1 3	13	..	46·14	200	139
d East Hoathly (Halland Park)	R. Shanks, Esq.	5	1 6	250	..	41·09	..	132
Framfield (High Cross)	Maj. R. L. Thornton, C.B.E.	5	1 0	195	..	39·05	..	..
Newick (Piltdown)	A. C. Jeffery, Esq.	5	2 4	150	..	42·73	..	..
d Uckfield (Lawrence Ho.)	C. G. D. Hoare, Esq., M.A.	5	1 3	125	..	43·04	185	137
d Uckfield House	Major G. Larnach-Nevill	5	1 0	150	..	40·51	..	126
D Haywards H. (Abbots Leigh)	C. Hales, Esq., J.P.	5	1 0	250	..	40·03	170	142
D Haywards H. (Paddockhall Rd.)	L. E. Hervey, Esq.	5	1 0	260	..	42·31	191	142
Buxted (Strawberry Hall)	C. Rintoul, Esq.	5	1 0	180	..	42·26	189	..
d Lindfield (Sunte Avenue)	E. A. W. Madge, Esq.	5	1 0	153	..	41·27	..	..
D Mayfield (Five Ashes)	Miss Emily Aston	5	1 0	300	..	40·74	192	137
D Lindfield (The Common)	R. H. Robertson, Esq.	5	1 6	250	..	43·11	187	146
D Uckfield (Fairwarp)	Col. A. E. Barchard	5	0 10	475	..	46·37	198	161
D Oldlands Hall (R)	Sir B. Eckstein, Bart.	8	3 0	400	..	47·18	190	163
D Horsted Keynes (Holy Well P.S.)	F. Martin, Esq., C.E.	8	1 9	124	..	40·48	170	144
D Ardingly (Lywood House)	G. Forrester Scott, Esq.	5	0 9	240	..	41·55	198	143
D ARDINGLY (Wakehurst Place)	The late Lord Wakehurst	8	1 9	437	..	46·07	202	150
D Horsted Keynes (Birchgrove)	Miss G. C. Price-Davies	5	1 0	400	..	42·66	216	143
D Balcombe (Lullings)	Mrs. M. Holland	5	1 0	348	..	45·95	205	148
D Balcombe (The Gables)	Mr. G. J. Warren	8	1 3	358	..	46·57	196	161
D Balcombe (Stockcroft)	Dr. R. Newton	5	1 1	341	..	45·27	199	150
D Balcombe (Waterworks)	F. Martin, Esq., C.E.	8	1 0	467	..	43·40	187	145
D Balcombe (Highley Manor)	Mr. B. T. Brooks	8	1 6	420	..	42·49	199	157
D West Hoathly (Stonelands)	J. Godwin King, Esq.	5	1 0	450	..	45·74	168	141
5.—CUCKMERE & C. 189 sq. mi.								
D BEACHY HEAD (C. Guard Stn.)	The Chief Officer (M.O.)	8	1 0	502	..	39·40	174	145
D EASTBOURNE (Wilmington Sq.) (+A)	Medical Officer of Health	5	1 0	35	30·7	38·49	181	136
D Eastbourne (Arundel Road)	Miss G. J Woodd	8	1 6	86	..	41·94	184	147
D Friston (Water Tower)	Eastbourne W. W.	5	1 0	389	..	40·42	182	145
D Friston	Eastbourne W.W.	8	1 0	104	..	40·84	173	145
d Jevington	Eastbourne W.W.	8	1 0	274	..	42·81	..	160
d Litlington	Eastbourne W.W.	8	1 0	19	..	40·59	..	143
D Willingdon Sewage Farm	Hailsham R.D.C.	5	1 0	24	..	42·79	173	144
D Pevensey Pumping Station	Hailsham R.D.C.	5	1 0	12	..	35·19	172	137
D Pevensey Bay Pumping Station	Hailsham R.D.C.	5	1 0	7	..	39·13	174	137
D Westham (Rattle Rd.)	Rev. H. H. Breton	8	1 0	50	..	42·93	186	152
D BEXHILL (EGERTON PARK)	The Boro' Council (H. J. Sargent)	8	1 0	12	..	34·55	170	136
D HASTINGS (White Rock)	The Town Clerk	5	1 0	149	..	38·07	190	145
D ST. LEONARDS (Gensing Gardens)	The Town Clerk	8	1 0	178	28·4	37·24	194	135
D St. Leonards (Filsham W.W.)	S. Little, Esq., C.E.	5	1 0	158	..	36·53	193	142
D Hailsham (North Street)	R. Matthews, Esq.	5	1 3	105	..	41·74	211	143
D Hailsham (Magham Down)	E. M. Bear, Esq.	5	1 0	90	..	38·30	171	134

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SUSSEX—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—CUCKMERE & C.—(*con.*).								
D **Hazards Green (Pumping Station)**	Bexhill W.W.	5	1 7	74	..	33·86	172	137
D Hastings (Beechwood)	N. Lang Smith, Esq.	8	1 0	128	..	39·14	189	147
D **Hastings (Newgate)**	S. Little, Esq., C.E.	8	1 0	243	..	37·59	197	144
D Hastings (Clive Vale)	A. E. Moon, Esq. F.R.Met.S.	5	1 0	328	..	37·53	211	146
D **Hastings (Halton Reservoir)**	S. Little, Esq., C.E.	5	1 0	294	..	37·57	190	148
D Hastings (Fairlight Reservoir)	S. Little, Esq., C.E.	5	1 0	515	..	37·88	191	151
D **Hollington (High Beech Gdns.)**	R. H. Crockford, Esq.	5	1 0	400	..	39·21	185	140
D Battle (Forewood W.W.)	S. Little, Esq., C.E.	5	1 0	50	..	40·67	178	144
D Cowbeech (Pumping Station)	Bexhill W.W.	5	1 7	100	..	37·55	172	140
D Horam (Coxlow)	Miss P. C. Harrison	5	1 0	260	*32·2*	39·50	186	138
D **Heathfield (The White Cottage)**	J. F. Leigh Clare, Esq.	5	1 0	500	..	40·60	191	144
6.—ROTHER. 194 sq. mi.								
Hastings (Fairlight, Machico)	P. G. Lock, Esq. M.A., M.R.C.S.	5	1 0	125	..	36·63	185	143
d Battle (Caldbec)	A. H. Neve, Esq.	5	0 11	350	..	42·18	176	148
D **Battle (The White Cottage)**	Rev. E. J. Morgan	5	1 0	320	..	43·00	192	150
D Brede Pumping Station	S. Little, Esq., C.E.	5	1 0	26	..	37·80	158	140
D **Battle (Netherfield)**	Thos. W. C. Terry, Esq.	5	1 0	420	..	45·88	195	154
d **Udimore (The Wick)**	Major R. P. Mair	8	1 0	92	*28·7*	40·01	..	145
D **Rye (The Point)**	W. Gay, Esq.	5	1 0	120	..	40·51	185	147
D **Brightling Park**	T. P. Tew, Esq.	5	1 0	545	..	48·08	195	150
d Robertsbridge (Darvell Hall San.)	Medical Superintendent	5	3 0	100	..	41·08	..	139
D **Peasmarsh (Woodside)**	A. W. Rickards, Esq.	5	0 8	100	..	40·99	172	148
d Rye (Iden)	Admiral Sir Aubrey Smith	5	1 0	150	..	35·07	..	134
d **Heathfield (Barklye)**	W. H. Masson, Esq.	5	1 0	500	32·5	45·71	..	149
D Northiam (Great Dixter)	Quentin Lloyd, Esq.	8	1 0	209	..	40·95	185	146
D Burwash (Crowhurst Bridge)	Heathfield Dist. Water Co.	5	1 3	97	..	42·34	172	145
D Mayfield (Berkeley Cottage)	Lt.-Col. A. H. Wolley-Dodd	5	1 0	420	..	45·37	181	141
D **Ticehurst (Stonegate)**	W. J. Wheeler, Esq.	5	1 0	230	..	44·26	217	159
D Tidebrook (Downgate)†	Rev. E. P. Gatty	5	1 6	300	..	44·84	182	150
7.—MEDWAY. 117 sq. mi.								
D Rotherfield (Horsegrove Fm.)	F. W. Shaw, Esq.	5	1 0	528	..	49·80	195	155
D **Crowborough (Jarvis Brook)**	Crowborough Water Co.	5	1 0	325	..	52·16	190	156
D Crowborough (Harecombe)	W. Morrison, Esq.	5	1 0	680	..	48·95	204	156
D **Crowborough (Beacon School)**	R. W. Hunt, Esq.	5	1 3	750	..	51·15	201	155
D Crowborough (Beaconstone)	A. K. Gordon, Esq.	5	1 0	794	..	50·31	195	149
d Crowborough (The Beacon)	A. R. Allcroft, Esq.	5	1 0	796	..	51·39	..	164
D Tunbridge Wells (Cousley Wd.)	A. Wilkin, Esq.	5	1 0	416	..	40·32	196	150
D **Forest Row (Hindleap Lodge)**	Mr. G. Warner	5	1 6	620	..	40·37	177	140
D Forest Row (Wirksworth)	L. Gibbs, Esq.	5	1 0	217	..	46·05	194	141
D Turners Hill (The Old Manse) ††	Miss R. M. Ravenshaw	8	1 6	500	..	44·44	200	148
D **Frant (Hazelhurst)**	I. W. Bennett, Esq.	5	1 0	450	..	46·42	189	149
D **Frant (Henley House)**	Rev. E. Malden	5	1 6	440	*32·3*	44·64	189	141
d Frant (Eridge Castle)	Mr. A. Wilson	5	1 0	400	..	45·84	..	162
d Frant (Highfield)	H. S. Eeles, Esq.	5	1 0	413	..	42·46	..	..
D Groombridge (Crossways)	Capt. D. P. A. Gray	5	1 0	260	..	43·89	192	145
D **Hartfield (Bolebroke)**	P. R. Mann, Esq.	5	1 0	175	..	42·50	183	146
D Crawley Down (Grange Hill)	Miss L. I. A. Buckley	5	0 10	450	..	44·58	186	155
D E. Grinstead (Brockhurst Obsy.)	The late W. S. Franks, Esq.	8	1 0	435	*32·9*	46·07	218	162
8.—THAMES—Mole. 27 sq. mi.								
D Worth Priory	Rev. R. J. Stonor	5	1 0	500	..	42·82	192	143
D **Worth (Worth Lodge)**	C. W. Nix, Esq.	5	1 0	340	*31·9*	41·69	210	148
d Crawley (Orleton Lodge)	B. Longley, Esq.	8	1 0	260	..	38·85	..	138
9.—THAMES—Wey. 10 sq. mi.								
D **Milland House**	S. Thompson, Esq.	5	1 0	425	..	39·00	180	134
D **Liphook (Ripsley)**	W. D. Bosanquet, Esq.	5	1 0	400	..	41·07	187	146

† Station previously called Wadhurst (Downgate).

†† Station previously in Sussex—8.

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HAMPSHIRE. (Area 1,622 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—ISLE OF WIGHT. 150 sq. mi.								
D	St. Catherine's Point (C. G. Stn.)	Station Officer (M.O.)	8	1 8	150	..	36·08	166	137
d	Blackgang (H.M. Coastguard)	Mr. H. W. Hawkes	5	1 0	420	..	37·13	..	121
D	Ventnor (Royal National Hos.)	The Matron	5	1 0	59	28·9	39·02	185	140
D	Ventnor (Cemetery)	The Surveyor	5	1 0	445	..	40·19	185	143
D	Shanklin (Pomona Road)	The Town Surveyor	5	1 0	199	..	45·87	180	148
d	Brighstone (The Bungalow)	J. V. Keen, Esq.	5	1 0	140	..	39·38	..	132
d	Brighstone (Pitt Place)	A. A. H. Wykeham, Esq.	5	1 7	200	..	33·88	..	122
D	Sandown (Sandham Gds.)	The Town Clerk	8	1 0	13	..	39·77	193	143
D	The Needles (Golf Club)	Mrs. Newnham	5	1 0	350	..	33·32	180	138
D	Totland Bay (Aston House)	Hotel & Pier Co. (J. Dover)	8	1 0	140	28·5	33·09	178	126
D	Freshwater (Pumping Station)	J. Dover, Esq.	8	1 0	10	..	36·53	190	135
D	Newport (The Mall)	Miss Morey	5	1 0	48	..	43·49	179	137
D	Ryde (West Street)	W. H. Salter, Esq.	5	1 0	170	..	41·31	195	139
D	Ryde (Buckland Grange)	Lt.-Col. Sir Hugh Daly	5	1 0	90	..	40·87	216	139
D	Ryde (Esplanade Gardens)	Borough Engineer	5	1 9	13	..	37·03	177	127
D	Wootton (Oak Lawn)	R. W. Hutton, Esq.	5	0 9	80	..	41·58	182	136
D	Osborne	The House Governor	5	1 0	177	..	43·20	199	146
D	East Cowes (Spring Hill)	Sir George Shedden	5	1 0	123	..	39·35	172	131
2.—STOUR. 32 sq. mi.									
D	Bournemouth (W. Overcliff Drive)	Mrs. M. Scratton	5	2 5	96	..	34·23	176	132
D	Bournemouth (East Cliff)	Miss M. Penrose, B.Sc.	8	1 0	120	..	34·99	189	133
D	Bournemouth (Vale View)	The Corpn.(C.Dales, F. R. Met. Soc.)	5	1 0	139	31·5	38·39	180	140
D	Bournemouth (East Avenue)	J. E. Hewitt, Esq.	5	1 0	142	..	37·94	178	136
D	Bournemouth (Talbot Woods)	H. Constantine, Esq.	5	1 0	110	..	39·49	179	141
D	Christchurch (Hurn Court)	The Earl of Malmesbury	8	1 3	19	..	41·87	190	154
D	Ringwood (Athol Lodge)	S. O. Ferry, Esq.	5	1 0	60	..	37·13	192	135
3.—EAST AVON & C. 114 sq. mi.									
D	Christchurch (Harrow Lodge)	R. C. Bacon, Esq.	8	1 0	135	..	39·31	191	149
D	Ringwood (Bisterne)	Major J. D. Mills	8	1 2	45	..	41·56	196	144
D	Ringwood (Crow Hill)	Mrs. H. F. Rawstorne	5	1 0	250	..	39·50	191	150
D	Ringwood (Hangersley)	Col. E. G. St. Aubyn, D.S.O.	5	0 9	200	..	39·79	201	157
d	Ringwood (Grey Friars)	R. W. Christy, Esq.	5	1 0	50	..	38·78	..	140
D	Ringwood (Linwood)	Dr. F. H. Haines	5	0 9	138	..	42·53	233	155
D	Fordingbridge (Cuckoo Hill)	Heywood Sumner, Esq.	5	1 0	150	..	44·22	201	142
D	Fordingbridge (Dockens)	E. W. Poore, Esq.	8	1 0	140	..	42·16	181	142
D	Fordingbridge (Furze Hill)	G. A. Smith, Esq.	5	0 5	150	..	42·12	184	146
D	Fordingbridge (Oaklands)	S. B. Rake, Esq.	8	1 0	135	31·7	44·31	181	140
4.—TEST & SOLENT. 551 sq. mi.									
D	Milford-on-Sea (Salt Grass)	The late A. C. G. Heygate, Esq.	5	1 0	6	..	36·23	165	129
D	Milford-on-Sea (Farlights)	Mrs. F. W. Brown	5	1 0	50	..	37·48	187	136
D	Milford-on-Sea (Rollrights)	Dr. A. Wood	5	1 0	50	..	33·94	173	133
D	Lymington (The Salterns)	P. A. Ouvry, Esq.	5	1 0	4	..	34·27	182	130
D	Lymington (Wistaria)†	Major G. M. Harding	5	1 0	70	..	38·99	181	129
D	New Milton (Manor Rd.)	A. J. Sturmey, Esq.	5	0 9	140	..	38·78	186	142
D	Sway (Gordleton)	W. F. Wright, Esq.	5	1 6	102	..	38·51	187	140
D	Sway (Sway Wood)	J. Dixon, Esq.	5	1 0	140	..	41·03	177	141
D	Boldre (Battramsley Close)	Dr. H. A. Des Voeux	5	1 1	119	..	38·52	170	137
d	Exbury	L. N. de Rothschild, Esq.	5	1 0	85	..	39·75	..	135
D	Brockenhurst (Weirs End)	Col. C. Mansel-Jones, V.C.	5	1 0	45	..	44·05	178	142
D	Calshot (Aerodrome) (+A)	Officer-in-Charge	8	1 0	8	25·5	34·79	176	138
D	Beaulieu (Moonhills Gate)	Lt.-Comdr. A. Betts-Brown	5	1 0	130	..	40·93	209	148
D	Burley (Sandys)	G. Mason, Esq.	5	1 0	150	..	41·91	183	150
D	Hythe (Buttsash Lane)	G. H. Baker, Esq.	5	1 0	130	..	41·31	177	141
D	Fawley (Cadland Park)	The Head Gardener	8	4 0	100	..	38·32	187	139
D	Minstead (Furzey)	B. H. Dalrymple, Esq.	5	1 0	280	..	46·68	175	151
D	Cadnam (Canterton Manor)	Miss Jeffreys	5	1 0	125	..	42·67	174	141

† Formerly called Lymington (Woodmancote).

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

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	HAMPSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	4.—TEST & SOLENT—(*con.*).								
D	Bartley (The Nurseries)	G. H. Dalrymple, Esq.	5	1 0	100	..	44·28	168	141
D	Totton (Shorne Hill)	Mr. S. Walton*	5	1 0	130	..	47·25	189	155
D	SOUTHAMPTON (East Park)	Director Ordnance Survey	8	1 0	64	30·9	41·22	183	149
M	Southampton Common Res.	J. Hawksley, Esq.	5	1 0	193	..	39·53	..	..
D	Romsey (Embley Gardens)	J. J. Crosfield, Esq.	5	1 0	130	..	42·67	178	140
D	Romsey (Harefield)	Lt.-Col. W. J. Langford	5	1 0	120	..	41·93	177	141
d	Romsey (Timsbury Manor)	M. Maitland Heriot, Esq.	5	1 0	75	..	41·55	..	121
D	Romsey (Timsbury P.S.)	J. Hawksley, Esq.	5	1 0	92	..	43·47	177	139
d	Upper Somborne	Charles Alleway, Esq.	8	1 0	250	..	38·60	..	..
D	Stockbridge (Houghton Lodge)	Mr. G. Morris	5	1 0	112	..	40·29	164	135
D	Crawley (Chilbolton Down)	G. Beale Esq.	8	1 2	350	..	41·04	183	136
D	Stockbridge (LECKFORD Estate)	C. T. Bamber, Esq.	5	1 0	250	..	38·03	183	134
D	Wonston (St. Olaf's)	J. H. Gray, Esq.	5	1 0	200	..	36·54	179	132
D	Wonston (Upton House)	H. J. Gardiner, Esq.	5	1 0	229	..	38·06	193	143
D	Abbots Ann (The Old Manor)	Miss E. E. de Paravicini	5	0 9	225	..	36·68	163	139
D	Andover (Sewage Works)	W. C. Jerome, Esq.	8	1 0	182	..	35·31	167	128
d	Whitchurch (Laverstoke Mills)	Dr. J. Knaggs, A.R.C.S., F.I.C.	8	1 6	250	..	37·54	..	..
D	St. Mary Bourne (Bournside)	Prof. C. V. Boys, F.R.S.	5	1 0	300	..	37·09	171	129
D	St. Mary Bourne (Spring Hill)	Mrs. H. A. Boys	5	1 4	300	..	37·75	162	132
D	Worting (Manydown Park) (R)	Col. A. S. Bates, D.S.O.	5	1 0	415	..	36·28	174	136
	Hurstbourne Tarrant (Rookery)	R. E. C. Burder, Esq.	5	1 0	331	..	41·08	..	..
D	Whitchurch (Dunley Manor)	Sir Alfred Herbert	5	1 0	500	..	40·70	184	143
D	Linkenholt Manor	R. Dudley, Esq.	5	5 0	700	..	41·50	178	150
	5.—ITCHEN & SPITHEAD. 422 sq. mi.								
D	Alverstoke (Monckton House)	Major J. Blake	5	1 3	15	..	37·43	195	129
D	Alverstoke (Glencoe)	J. G. Thomas, Esq.	5	1 8	20	..	36·70	187	141
D	Gosport	Borough Surveyor	8	0 9	30	..	38·53	166	134
D	PORTSMOUTH (VICTORIA PARK)	Medical Officer of Health	5	1 0	15	27·7	36·30	186	126
D	Hayling Island (Richmond Ho.)	E. S. McEuen, Esq.	5	1 2	16	..	33·12	176	131
D	Portsmouth (Eastney)	The City Engineer	8	1 0	12	..	30·23	168	119
D	South Hayling (C. of E. School)	H. J. Earney, Esq.	5	1 6	10	..	31·14	169	126
D	Lee-on-Solent (Edinburgh Ho. Sch.)	Trevor J. Tatham, Esq.	5	1 0	15	..	37·78	174	132
d	Hook-cum-Warsash	E. M. Biggs, Esq.	5	1 0	50	..	37·21	..	133
D	Portchester (Noel Cottage)	Miss R. M. Frost	5	1 4	10	..	32·10	166	127
D	Farlington (Pump. Stn.) *new g*	D.Halton Thomson, Esq., C.E.	5	1 0	78	..	36·73	180	135
D	Farlington (Filter Works) *new g*	D.Halton Thomson, Esq., C.E.	5	1 0	157	..	36·27	174	132
D	Havant (Portsmouth W.W.)	D.Halton Thomson, Esq., C.E.	5	1 0	25	*26·7*	33·15	166	129
D	Havant (Wade Court)	W. E. Sotheby, Esq.	8	1 0	17	..	36·52	159	132
d	Fareham (Fareham House)	W. S. Stevenson, Esq., M.D.	5	1 6	30	..	39·28	..	144
D	Fareham (West Street)	N. E. Neville, Esq.	5	1 0	41	..	39·71	186	146
D	Southwick (Pinsley Lodge)	D.HaltonThomson, Esq., C.E.	5	1 0	150	..	38·87	178	139
D	Fareham (Roche Court)	Admiral Sir W. De Salis	5	1 0	103	..	40·85	189	149
D	Itchen Sewage Works	S. G. Stanton, Esq., C.E.	5	5 8	13	..	36·62	170	133
D	Cowplain (Forest View)	H. C. Pearson, Esq.	5	5 0	222	..	38·16	190	138
	Idsworth (Water Tower)	D.HaltonThomson, Esq., C.E.	5	1 0	202	..	40·60	..	..
	Southwick (Upper Beckford Fm.)	D.HaltonThomson, Esq., C.E.	5	1 0	112	..	39·67	..	..
D	Wickham (The Lower House)	Gen. Sir H. C. Powell, K.C.B.	5	1 4	100	..	40·44	163	145
D	Wickham (The Croft)	Miss Joy Stansfeld	5	0 8	85	..	40·13	160	149
D	Southampton (Portswood)	S. G. Stanton, Esq., C.E.	5	1 9	10	..	38·39	168	138
D	Botley (Botley Hill)	The late Lady Jenkyns	5	1 6	36	..	39·97	177	146
	Botley (Uplands Farm)	Wilmot H. Yates, Esq.	5	1 0	60	..	37·81	171	143
d	Curdridge (Kitnocks House)	Major C. F. Randolph	5	1 0	185	..	40·43	..	146
	Catherington Reservoir	D.HaltonThomson, Esq., C.E.	5	1 0	428	..	43·95	..	..
D	Swanmore (Holywell House)	Mrs. M. Portal	5	1 0	175	..	41·94	192	157
D	Hambledon (Whitedale)	D.HaltonThomson, Esq., C.E.	5	1 0	223	..	44·38	198	143
D	Soberton (Mislingford)	E. T. Hildred, Esq., C.E.	5	1 0	136	..	41·29	168	149

* For Executors of late Mrs. Rennie.

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
HAMPSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—ITCHEN & SPITHEAD—(*con.*).								
D West End (Oaklands)	Mrs. Pearson	5	1 0	45	..	41·63	170	142
D Bishops Waltham (Park Ho.)	A. F. Hardy, Esq.	5	1 3	170	..	39·19	198	144
D Droxford (Uplands)	Miss C. E. King	5	1 0	279	..	43·63	182	152
D Otterbourne (Kingfisher Lo.)	Major T. T. Phelps	5	0 10	80	..	42·71	171	153
D Otterbourne W.W.	J. Hawksley, Esq.	5	1 0	113	..	40·99	180	147
D Twyford (Pumping Station)	J. Hawksley, Esq.	8	1 0	139	..	43·18	162	136
d Twyford (Church Farm Hse.)	Mrs. M. C. Conner	8	1 0	180	..	40·40	..	..
East Meon (Burnside)	H. A. Gilmour, Esq.	5	1 5	350	..	45·57	..	..
D Winchester (Shawford)	J. A. Rooke, Esq.	5	1 0	250	..	41·33	167	138
D Hursley (Merdon Manor)	Capt. G. J. R. Cooper	5	1 0	360	..	43·10	180	145
D Hursley Park	Sir G. A. Cooper, Bart.	8	1 0	210	..	45·06	196	147
D Compton (Kennington)	J. Durst, Esq.	5	1 1	250	..	40·23	172	147
D Privett (The Vicarage)	Rev. F. P. Synge	5	2 8	600	..	48·86	198	154
D Winchester (St. Cross)	G. M. Mathews, Esq.	5	1 0	135	..	39·99	174	150
D Winchester (High Street)	Kenneth E. N. Williams, Esq.	5	1 0	200	..	41·93	179	141
D Winchester (East Hill)	Mrs. E. Wilde	5	1 0	256	..	37·44	199	143
D Winchester (Northgate Place)	Miss A. M. Johnson	8	1 3	170	..	42·80	200	142
D Ovington Rectory	Rev. H. L. Atkins	5	1 0	221	33·2	47·14	190	153
D Bishop's Sutton	H. C. Mills, Esq.	5	1 0	260	..	38·64	183	138
D Winchester (Kings Worthy)	Miss R. P. Woodard	5	1 0	304	..	43·49	178	136
D Itchen Abbas (Chilland)	W. J. Arnold, Esq.	5	1 3	200	*32·7*	39·15	184	141
D Itchen Abbas (Itchen Lodge)	Lt.-Col. R. V. Savile	8	2 1	200	..	38·80	181	142
D Alresford Place	Percy Laming, Esq.*	5	1 0	300	..	39·28	179	152
D Winchester (Worthy Down Aero) (+A)	Meteorological Officer	8	1 0	275	29·5	41·23	182	134
6.—ARUN. 32 sq. mi.								
D Petersfield (Weston)	Capt. P. W. Seward	5	1 0	330	..	48·26	168	145
Petersfield (Monks Barn)	F. G. Padwick, Esq.	5	1 0	300	..	46·28	173	137
D Petersfield (Tilmore)	E. J. Tatham, Esq., M.D.	5	1 0	250	..	43·32	189	141
D Peterfield (Collyers)	Fraser Parkes, Esq.	5	0 9	350	..	44·97	196	148
D Liss (Heathmount)	R. A. Bosanquet, Esq.	5	1 3	490	..	41·10	169	136
D Liss (Kippences)	Rev. W. L. de B. Thorold	5	0 9	250	..	42·88	180	136
D Liss (Hawkley Hurst)	T. Clive Davies, Esq.	5	0 11	422	..	45·73	199	156
D Greatham (Manor House)	Miss I. L. Coryton	5	1 0	260	..	42·00	173	134
D Greatham (Le Court)	Sir Heath Harrison, Bart.	5	0 9	350	..	43·14	187	137
7.—THAMES—Wey. 92 sq. mi.								
D Petersfield (Stoner Hill) (+A)	C. J. P. Cave, Esq., J.P.	5	1 0	748	..	49·10	185	150
D East Tisted (Rotherfield Park)	Capt. J. B. Scott	5	1 0	590	..	43·67	170	140
D Newton Valence Vicarage	Rev. A. C. Maclachlan	5	1 0	586	..	40·47	182	138
D Newton Valence (Shotters)	Major W. H. Chawner	5	1 2	600	..	42·63	181	140
D Newton Valence Place (R)	Rear-Adm. E. Jervoise, C.B.E.	8	1 5	615	..	45·46	197	145
D Selborne (The Wakes)	Mrs. Bibby	5	1 0	400	..	45·50	202	141
D Grayshott	Mrs. Lyndon	5	1 0	661	33·2	42·35	190	143
d Alton (Treloar Cripples' Hosp.)	The Secretary	5	1 0	300	..	(40·45)	(178)	(142)
D Alice Holt Forest	Forestry Commission	8	1 0	264	..	39·17	161	133
8.—THAMES—Loddon. 164 sq. mi.								
d Swainshill	Mid Wessex Water Co.	5	1 7	550	..	37·23	..	117
D Long Sutton (Agric. Coll.)	The Lord Wandsworth Ag. Coll.	5	1 0	479	..	37·28	171	129
d South Warnborough (Vine Cot.)	Mrs. Gawne	5	1 0	416	..	35·56	..	..
D Upton Grey (Hoddington Ho.)	Lord Basing	5	1 0	378	..	35·64	151	124
D Basingstoke (Upton Grey Ho.)	G. W. Hayes, Esq.	5	1 0	400	..	34·89	171	132
D Aldershot Waterworks	Mid-S. Dist. Utility Co.	5	1 0	251	..	33·52	166	129
D Aldershot Reservoirs	Mid.S. Dist. Utility Co.	5	0 7	393	..	35·09	189	138
D Odiham (Mill House)	W. M. Dean, Esq.	5	1 0	241	..	33·50	154	127

* *Per* A. E. Broad, Esq.

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Rain-gauge: Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935: Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
	HAMPSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	8.—THAMES—Loddon—(*con.*).								
D	Odiham (Sewage Works)	Hartley Wintney R.D.C.	5	1 0	270	..	34·11	160	125
D	Greywell (Pumping Station)	Mid Wessex Water Co.	5	1 0	258	..	33·88	186	135
D	Hook (Nately Hatch)	R. C. Mallock, Esq.	5	1 0	328	..	35·14	193	126
D	Fleet (Home Wood)	Mrs. L. M. Kent	5	1 0	300	..	31·44	173	124
D	Sherborne St. John	Col. G. W. Haslehurst	5	2 2	260	29·0	34·01	176	129
D	Rotherwick (Tylney Hall)	Major Sir H. R. Cayzer, Bt.	5	1 0	250	..	32·18	170	126
d	Hartley Wintney (Council Offices)	Sanitary Inspector, R.D.C.	5	1 0	202	..	28·71	..	..
d	Hartley Wintney (Warren Heath)	Sanitary Inspector, R.D.C.	5	1 0	220	..	30·00	..	122
D	South Farnborough (R.A.E.)(+A)	Meteorological Officer	8	1 0	237	26·1	33·09	174	128
D	Winchfield (Elvetham Park)	Mr. T. J. Brownjohn	8	1 4	217	..	33·40	197	136
D	Stratfield Turgis (Byland's Cottage)	Miss D. Page-Roberts	5	1 0	218	..	26·57	184	123
D	Heckfield (Park Corner)	Miss V. Martineau	5	1 2	257	24·3	28·18	183	124
	9.—THAMES—Kennet. 65 sq. mi.								
D	Highclere (Castle Gardens)	Mr. A. W. Blake	5	1 6	500	..	43·65	172	134
D	Highclere (Black Ford)	W. A. Turner, Esq.	5	1 0	439	..	43·68	172	136
D	Highclere (Adbury Pk. Gdns.)	The Head Gardener	5	1 0	350	..	39·75	186	143
D	Silchester House	T. M. Hartley, Esq.	5	1 0	325	..	29·35	176	120
	BERKSHIRE. (Area, 722 sq. mi.)								
	1.—TEST. 2 sq. mi.								
	2.—THAMES—Bourne. 15 sq. mi.								
D	Sunninghill (Frognal) *new g.*	Mr. D. Chaplin	5	1 0	200	..	30·58	169	132
D	Ascot (Heatherwood Hospital)	The Medical Superintendent	5	1 0	300	..	29·73	169	123
D	Sunninghill (Blacknest P.S.)	E. J. Toy, Esq.	8	1 6	130	26·0	30·10	176	131
D	Sunninghill (Little Paddocks)	Col. J. N. Horlick, M.C.	5	1 0	200	27·0	30·35	172	127
	3.—THAMES—Loddon & c. 162 sq. mi.								
D	Sandhurst (Eagle House)	J. H. A. Love, Esq.	5	1 0	280	.	30·74	181	127
D	Wellington College	A. L. Payne, Esq.	5	1 0	290	26·4	30·45	179	133
d	Broadmoor Asylum	The Medical Superintendent	5	1 0	300	27·6	28·39	..	130
d	Wokingham (Bucks Copse)	C. W. Marks, Esq.	5	1 0	174	24·7	26·21	..	121
d	Wokingham (Appin Lodge)	Rev. W. N. Blakeney	8	0 10	200	25·1	28·95	..	115
D	Wokingham (Frog Hall)	J. Rolt, Esq., K.C.	5	1 0	200	..	28·61	170	128
D	Wokingham (Bear Wood Gdns.)	M. Goddard, Esq.	8	1 0	200	..	28·11	171	130
D	Wokingham (Sindlesham Ho.)	Mr. W. Balcombe	5	4 6	200	25·4	27·06	162	128
D	Wokingham (Winnersh Nursery)	W. Bates, Esq.	5	1 0	180	..	27·18	185	126
D	Winkfield (Ryemead)	Mrs. Aubrey Elliott	5	0 10	220	25·8	28·51	175	126
D	Winkfield (Maidens Green)	R. Crosbie-Hill, Esq.	5	1 0	210	26·0	29·32	171	127
D	Warfield (Jealott's Hill Farm)	Imp. Chemical Ind., Ltd.	5	1 0	220	25·8	30·52	169	132
d	Windsor (Forest Park Gdns.)	G. W. Briars, Esq.	5	0 10	150	..	30·46	..	136
D	Shurlock Row (Crossways)	John P. Lee, Esq.	5	0 9	149	..	28·35	168	129
D	Sonning on Thames (The Deanery)	Capt. N. J. Bengough	5	0 9	120	24·6	26·19	172	128
D	Windsor (Royal Gardens)	Mr. C. H. Cook	5	1 0	88	24·9	28·76	187	121
d	Twyford (Hare Hatch)	Messrs. J. Waterer, Sons & Crisp, Ltd.	5	1 0	180	..	26·47	..	124
d	Wargrave (Wargrave Court)	Henry Bond, Esq.	5	1 2	115	..	26·28	..	122
D	Bray (Braimel)	N. Vaslet, Esq.	5	1 0	75	..	27·40	156	123
d	Maidenhead (The New Hall)	Mrs. Torkington	5	1 0	130	27·2	29·36	..	137
	Pinkney's Green	R. P. Lord, Esq.	5	0 10	240	26·7	29·61	..	..
D	Maidenhead (Boulter's Lock)	The Thames Conservancy	5	1 6	82	..	28·75	171	129
D	Remenham Hill (Wedmore)	Lt.-Col. C. D. Burnell, D.S.O.	5	1 0	300	27·5	29·10	171	131
D	Hambleden Lock	Mr. T. E. Wise	5	2 0	107	27·0	28·75	181	132
D	Hurley House	H. M. Farrer, Esq.	5	1 0	105	..	29·06	151	123
	4.—THAMES—Kennet & c. 224 sq. mi.								
D	Inkpen (Manor Farm)	A. A. Lawrence, Esq.	5	1 5	450	31·6	39·62	182	151
D	Inkpen (New Mill)	G. C. Goodhart, Esq.	5	1 0	475	32·5	40·79	160	134
d	Hampstead Marshall (Redhill)	Mrs. Lewis	5	1 0	400	29·5	38·23	..	122
D	Mortimer (Wokefield Park)	Dr. A. Palmer	5	1 0	220	25·2	29·85	176	132
D	Mortimer (Oakfield)	Rev. G. G. Skipwith	6	1 0	200	26·1	31·14	..	139

DIVISION II—SOUTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
BERKSHIRE—(*con.*).		*in.*	*ft. in*	*ft.*	*in.*	*in.*		
4.—THAMES—Kennet & c.—(*con.*).								
D Brimpton (Little Park)	Lady Delia Peel	5	0 8	340	..	30·19	165	134
D **Brimpton (Stonehouse)**	**F. Hadden, Esq.**	**5**	**0 7**	**350**	**27·5**	33·46	175	135
Kintbury (Wallingtons)	**A. S. Gladstone, Esq.**	**5**	**1 0**	**360**	**..**	38·86	..	..
D§**Newbury (Greenham Common)**	Miss E. T. Price	**5**	**1 0**	**327**	**29·0**	35·45	173	128
D **Newbury (Wash Hill)**	**C. F. B. Marshall, Esq.**	**5**	**1 0**	**385**	**31·4**	35·70	180	134
D Newbury (Wash Hill Ho.)	E. P. Plenty, Esq.	5	1 0	390	29·1	37·23	167	129
D Beenham (Beenham Lodge)	Sir Edward Freeling	5	1 0	320	..	31·51	192	143
D SHINFIELD (University Col. Farm)	Prof. J. A. Crowther	5	1 0	200	..	28·07	158	123
D **Bucklebury Place**	**Mr. J. E. Henshall**	**5**	**1 0**	**409**	**..**	29·20	177	124
D Reading W.W. (Bath Road)	L. C. Walker, Esq., C.E.	5	1 0	218	24·4	29·58	183	128
D **Reading (Tilehurst)**	**Miss M. W. Latham**	**5**	**1 0**	**200**	**25·6**	31·86	182	139
D **Reading (Forbury Gardens)**	**A. S. Parsons, Esq., C.E.**	**5**	**1 5**	**143**	**24·9**	28·09	166	129
D READING (University College)	Prof. J. A. Crowther	5	1 0	152	..	28·87	181	129
D Reading (Caversham Lock)	The Thames Conservancy	5	1 6	123	..	28·09	161	129
d **Chieveley (Priors Court)**	**G. E. H. Palmer, Esq.**	**5**	**1 0**	**403**	**..**	32·76	..	129
d Peasemore House	Mrs. E. Brown	5	1 6	490	..	30·08	..	..
5.—THAMES—Ock & c. 319 sq. mi.								
D Stanford Dingley (Dingley Hill)	C. O. Lowsley, Esq.	5	1 2	400	..	29·94	175	124
d **Reading (Englefield)**	**J. H. Benyon, Esq.**	**5**	**1 0**	**175**	**27·4**	30·99	..	125
D Pangbourne (Woodberry)	W. H. Keep, Esq.	5	1 0	220	..	31·64	170	130
D Moulsford (The Old Vicarage)	E. R. Abbott, Esq.	8	1 4	170	..	27·45	153	117
D **Upton (Manor House)**	**Miss C. S. Fry**	**5**	**1 0**	**240**	**..**	29·41	180	119
D Wantage (Lockinge Estate Office)	E. Lousley, Esq.	5	1 1	400	27·8	32·35	160	138
d **Uffington (Woolstone Lodge)**	**Miss A. E. Butler**	**5**	**1 0**	**350**	27·6	(31·98)	(168)	(140)
Steventon (Milton Hill)	**R. H. Betteridge, Esq.**	**5**	**1 6**	**300**	**25·4**	31·40	..	..
D Wallingford (Winterbrook)	Frank K. Weedon, Esq.	5	1 0	151	24·9	29·81	164	128
D Wallingford (St. Leonard's Rec.)	Rev. A. Simmons	5	1 2	142	24·7	27·71?	168	119
D **Wallingford Castle**	**The late Miss E. Hedges**	**5**	**1 3**	**175**	**23·8**	29·39	183	131
D **Wallingford (Style Acre)**	**A. L. Morphew, Esq.**	**5**	**1 4**	**200**	**25·2**	31·17	170	126
D **Didcot (Sewage Works)**	**Wallingford R.D.C.**	**5**	**0 9**	**170**	**..**	28·18	156	122
D Appleford (Wigbalds)	A. Tame, Esq.	5	0 10	180	..	28·40	160	129
d Faringdon (Shellingford Ho.)	Mrs. K. Marshall	5	..	275	..	(31·70)	(170)	(147)
D **Abbots Wittenham Rectory**	**Rev. W. F. B. Ward**	**5**	**1 0**	**190**	**..**	29·62	182	126
D Long Wittenham (The Manor Ho.)	R. P. Sing, Esq.	12	1 0	170	25·3	30·93	168	126
D **Long Wittenham (Willington)**	**H. J. Hewett, Esq.**	**5**	**1 0**	**167**	**25·2**	29·62	175	127
D **Abingdon (Sewage Works)**	The Borough Surveyor	8	1 0	169	22·8	27·66	185	127
D Abingdon (The Firs)	Miss G. G. Challenor	5	1 3	200	23·7	28·32	193	132
D Boars Hill (Sherwood)	Rev. G. M. Nuttall-Smith, M.A.	5	1 0	444	25·6	30·93	169	128
D Oxford (Kennington Nursery)	W. G. Gray, Esq.	5	0 10	360	24·7	31·49	171	130
d Eynsham (Swinford P.S.)	J. F. Richardson, Esq., M.A., C.E.	5	1 0	203	..	29·68	..	130

DIVISION III—SOUTH MIDLAND COUNTIES.

MIDDLESEX. (Area, 232 sq. mi.)

1.—THAMES—Colne & Brent. 185 sq. mi.

D Weybridge (Shepperton Lock)	Thames Conservancy	5	1 0	41	23·1	29·72	166	125
D Littleton (Queen Mary Res.)	Met. Water Board	5	1 0	44	23·0	28·33	166	124
D Hampton Waterworks	Met. Water Board	5	1 0	27	22·7	26·29	159	122
D Kempton Works	Met. Water Board	5	1 0	40	22·6	24·52	138	111
D Hampton (Gloucester Rd.)	C. J. Palmer, Esq.	5	1 0	50	..	26·86	147	124
D Staines (Pumping Stn.)	Met. Water Board	5	1 0	55	..	26·57	162	122
D Staines Reservoir (West Side)	Met. Water Board	5	1 6	53	23·8	27·82	165	119
D Staines Reservoir (East Side)	Met. Water Board	5	1 6	53	23·9	27·53	165	122
D Twickenham (Sewage Works)(+A)	The Borough Surveyor	5	1 0	37	..	25·27	157	117
D Sipson	Middlesex County Council	5	1 2	95	..	25·43	159	126

§ Gauge somewhat over-sheltered.

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
MIDDLESEX—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—THAMES—Colne & Brent—(*con.*)								
D Sipson (Hollycroft)	Mr. W. J. Mitchell	5	1 0	94	22·5	26·98	170	131
D Kew Bridge (Waterworks)	Met. Water Board	5	1 3	36	24·1	24·80	145	118
d Chiswick (Turnham Green	The Borough Engineer	8	1 0	27	23·3	25·28	..	..
D Hanwell (+A)	Middlesex County Council	5	1 9	36	24·5	25·57	153	124
D Ealing (St. Paul's Vicarage)	Rev. A. H. Cooper, Esq.	5	1 6	100	24·7	27·07	173	139
D Ealing (Carlton Road)	H. W. Peal, Esq	5	1 0	120	..	26·18	159	119
D Acton Cemetery (+A)	W. G. Cross, Esq., C.E.	5	1 6	100	..	26·07	160	123
D Hayes Sewage Works (+A)	Middlesex County Council	5	2 3	98	..	25·33	169	124
D Ealing (Hanger Hill Reservoir)	Met. Water Board	5	1 0	206	24·7	26·68	163	130
D Greenford (+A)	Middlesex County Council	5	1 3	61	..	27·81	171	127
D Perivale (Northern Sewage Farm)	Ealing Boro' Council	8	1 0	60	24·0	27·38	169	127
D Alperton (Sewage Works)	C. S. Trapp, Esq., B.Sc.	8	1 2	80	..	29·69	175	140
D Willesden Reservoir	Met. Water Board	5	1 0	167	25·6	27·32	161	136
D Willesden (Stonebridge Fm.)	F. Wilkinson, Esq., C.E.	5	5 9	100	..	28·10	164	125
D Northolt (Wood End Gdns.)	E. R. Sinfield, Esq.	5	1 0	260	..	26·23	174	127
D Ickenham Sewage Works (+A)	Middlesex County Council	5	1 8	109	23·6	25·80	153	123
D Sudbury (Station Approach)	L. H. Powers, Esq	8	1 0	153	24·3	27·09	166	127
D Sudbury (36, Station Approach)	R. M. Eadie, Esq.	5	0 11	152	..	28·94	154	131
D Wembley (Keswick Gardens)	A. R. Bill, Esq.	5	1 0	150	..	26·60	155	124
d Golders Green (Dunstan Road)	R. A. S. Mackenzie, Esq.	5	1 0	240	25·3	26·09	..	..
D Highgate (North Hill Depot)	W. H. Adams, Esq., C.E.	5	1 0	303	25·4	30·79	172	131
D Harrow (Oakhurst)	Hugh Gardner, Esq.	5	1 6	295	24·2	27·15	187	130
d Harrow (Bessborough Rd. Depot)	The Engineer and Surveyor	5	1 0	215	25·8	28·27	..	120
D Hendon (Sewage Works)	A. O. Knight, Esq., C.E.	6	1 6	153	..	25·23	151	118
Kenton (Kingshill Drive)	T. Bedford Franklin, Esq.	5	1 0	250	..	28·16	..	..
D Hendon (Central School)	J. Burgess, Esq.	5	0 9	200	..	26·94	165	122
D Finchley (Church End)	Sister Marie Jacques	5	0 8	300	..	26·83	173	123
D Wealdstone (Sewage Works) (+A)	The Surveyor	5	1 0	154	24·9	25·72	164	125
D Wealdstone (Kodak Works)	Messrs. Kodak, Ltd	5	1 0	199	..	27·38	167	131
d Harrow (Wealdstone House)	Miss H. O. E. Cobb	5	1 0	236	25·1	27·26	..	..
Northwood (Tandridge)	Chas. Price, Esq.	5	1 0	..	25·5	27·62	..	..
d Edgware M.C.C. Depot (+A)	Middlesex County Council	5	0 9	179	25·8	29·77	..	128
d Mill Hill (Ridgeway House)	W. T. Bennett, Esq., M.A.	5	1 0	375	..	27·01	..	104
D Elstree (Barnet Lane)	G. V. Maxted, Esq., C.E.	8	1 0	470	..	30·49	157	131
D Potters Bar (Mount Grace)	J. Forbes, Esq.	5	1 3	375	26·1	30·72	167	138
2.—THAMES—Lea. 47 sq. mi.								
						29·22	179	133
D Crouch End (Barrington Rd.) (+A)	W. H. Adams, Esq., C.E.	8	1 0	118	25·8	26·07	156	129
D TOTTENHAM (Drayton Road)	Medical Officer of Health	5	1 3	51	23·3	26·25	155	127
D Hornsey (High Street)	Met. Water Board	5	1 0	107	24·9	28·22	164	131
D Muswell Hill (Wightman Rd.)	W. H. Adams, Esq., C.E.	8	1 0	90	..	30·56	176	133
D Muswell Hill (Sewage Farm) (+A)	W. H. Adams, Esq., C.E.	8	1 0	209	26·1	26·66	163	126
D Wood Green (Maryland Road)	F. C. Hornsey, Esq.	5	1 0	110	..	27·25	175	125
D Finchley (Victoria Park)	P. T. Harrison, Esq., C.E.	5	0 11	272	26·3	29·68	171	129
D Palmers Gr. (Broomfield Pk.) (+A)	R. Phillips, Esq., C.E.	8	1 6	136	24·7	29·71	169	130
D Winchmore Hill (Elsiedene Road)	V. E. Steers, Esq.	5	1 0	150	26·7	26·12	159	125
D Ponders End Pumping Station	Met. Water Board	5	1 0	45	23·3	27·78	164	129
D Enfield (Southbury Road)	Met. Water Board	5	1 0	148	24·7	26·50	154	125
D Enfield (Forty Hill)	Dr. E. C. Carter	5	0 11	125	..	26·73	165	132
D Enfield (Roselands, Turkey St.)	E. S. Rashleigh, Esq.	5	0 8	70	23·2	26·08	149	126
D Waltham Cross (Sewage Works)	J. E. Sharpe, Esq.	5	1 0	61	22·6			
HERTFORDSHIRE. (Area, 635 sq. mi.)								
1.—THAMES—Thame. 10 sq. mi.								
D Tring (Akeman St.)	T. Grace, Esq.	8	1 0	450	29·4	33·24	186	135
D Tring (Pendley Manor)	Mrs. J. G. Williams	5	1 0	420	28·4	34·26	178	139

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
HERTFORDSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—THAMES—Colne and Brent. 199 sq. mi.								
D Northwood (St. Mary's Ave.)	R. H. Daw, Esq.	5	1 0	231	..	28·13	170	126
D Northwood (Woodhouse Eaves)	Miss S. F. Fox, M.D.	5	1 0	400	27·6	31·57	212	141
d Northwood (Sandy Lodge)	H. L. Lewis, Esq.	5	1 0	200	..	30·26	(163)	(131)
D Bushey Heath (California La.)	Miss C. C. Cooper	5	1 0	500	26·0	30·81	162	129
w Totteridge (West Lodge)	P. D. Walker, Esq	5	1 4	410	26·9	27·89	..	..
d Batchworth (Pumping Stn.)	J. Grimmett, Esq.	5	1 2	156	..	28·94	..	..
D Rickmansworth (Croxley Green)	S. Ingleby Oddie, Esq.	5	1 0	262	27·2	32·66	170	140
D Rickmansworth (Valley Road)	E. L. Hawke, Esq., M.A.	5	1 0	192	..	33·94	203	151
D Barnet (Bedford Avenue)	Miss M. Haines	5	1 4	350	27·9	31·16	162	135
d Barnet (Jesus Hospital)	P. J. Neville, Esq.	5	1 0	335	..	28·74	..	..
D Barnet (Sewage Works) (+A)	E. Scott, Esq., C.E.	5	1 0	295	..	28·96	170	131
d Watford (Colne Valley W.W.)	C. P. Sinclair, Esq.	5	3 0	200	25·6	29·83	169	133
d Watford (Waterworks)	W. W. Newman, Esq., C.E.	6	1 9	175	25·9	28·97	..	121
d Watford (Cassiobury Pk. Av.)	E. A. Robins, Esq.	5	1 0	240	26·2	31·48	..	..
D Watford (Stratford Road)	Miss L. M. Slinn	5	1 6	257	26·0	29·58	171	134
D Heronsgate (Waterfield Ho.)	A. J. Richardson, Esq.	5	1 0	390	..	32·57	178	133
D Sarratt (Micklefield Green)	J. O. Hickman, Esq.	5	0 6	380	29·0	34·92	167	143
D Shenley Grange	J. Charrington, Esq.	5	0 9	430	27·9	31·19	170	135
D Shenley (Kitwells)	T. H. Riches, Esq.	5	1 0	420	27·5	31·28	167	132
D Sarratt (Goldingtons)	P. Clutterbuck, Esq	5	1 0	384	29·0	34·22	167	137
D Kings Langley (Langleybury Gdns.)	E. Henry Loyd Esq.*		..	300	..	32·45	174	138
Chipperfield (Little Callipers)	Miss M. M. Rivington,*	5	1 0	407	27·6	33·79	170	..
D Kings Langley (Fir Tree Cottage)	Edward Toms, Esq.	5	1 0	278	28·1	33·49	179	139
D Kings Langley (Langley Rise)	F. W. Rowson, Esq.	5	0 9	360	27·4	31·76	171	136
D Park Street (Bricketwood)	F. J. McLees, Esq.	5	1 0	300	25·5	29·08	160	123
D Bovingdon (Felden)	A. T. Collier, Esq.	5	0 9	500	..	33·27	173	133
D Hemel Hempstead (Apsley Mills)	Messrs. J. Dickinson & Co.	24	1 4	268	27·9	33·19	191	143
D Colney Heath (Tyttenhanger P.S.)	J. F. Haseldine, Esq.	5	0 9	241	25·7	31·42	169	132
Berkhampsted (Haresfoot)	T. G. Blackwell, Esq.*		..	500	..	34·06	..	..
D Hemel Hempstead (Northridge)	R. C. Micklem, Esq.	5	1 0	460	31·6	38·13	202	177
D St. Albans (Co. Mental Hosp.)	G. Goodchild, Esq.	5	1 0	295	25·1	31·26	159	128
D St. Albans (County Museum)	Mrs. Bullen	5	1 0	389	27·4	29·58	173	136
D St. Albans (Oaklands Inst.)	The Principal	5	1 0	272	24·9	30·36	169	129
D St. Albans (Gorhambury)	The Head Gardener	5	1 0	423	27·9	32·78	192	147
D Hatfield (Hatfield P. Stn.)	J. F. Haseldine, Esq.	5	1 0	334	24·7	31·31	171	137
d Berkhamsted (Rossway)	The Lady Hadden	5	1 1	590	..	36·47	..	..
D Berkhamsted (Anglefield)	E. T. Browne, Esq.	5	1 0	450	29·8	34·53	181	134
D Tring (Cowroast Lock) *new g.*	Grand Union Canal Co.	5	1 0	390	29·7	33·63	168	141
D Harpenden (Rothamsted) (+A)	Lawes Agricultural Trust	8	0 9	420	26·7	29·44	172	125
D Harpenden (Rothamsted)	Lawes Agricultural Trust	5	1 0	420	27·3	30·14	164	123
D Harpenden (Rothamsted)	Lawes Agricultural Trust.	72×87	0 9	420	28·6	32·12	172	128
d Little Gaddesden (Ringshall End)	H. C. Bradby, Esq.	5	1 0	700	28·9	32·01	..	..
D Markyate Waterworks	T. H. Lighbody, Esq.	5	1 0	538	..	32·06	193	136
3.—THAMES—Lea. 340 sq. mi.								
d Cheshunt (Manor House)	J. E. Sharpe, Esq.	5	1 0	83	24·2	25·55	..	..
D Northaw School	C. Steventon, Esq.	5	5 0	350	26·8	27·76	160	126
D Goff's Oak	D. L. Champion, Esq.	5	1 0	330	..	28·96	174	134
D Cheshunt Yard	Met. Water Board	5	1 0	100	24·1	27·80	161	127
D Cheshunt (Cheshunt Park)	J. A. Wanklyn, Esq.	5	0 9	209	23·2	28·86	168	132
D Cheshunt (Darnicle Hill P. Stn.)	Met. Water Board	5	1 0	250	26·2	29·76	168	134
D Essendon Place Gardens	J. B. Healing, Esq.	5	1 0	365	26·6	28·95	155	130
Little Berkhampstead	A. Noble, Esq.	5	1 0	380	25·0	28·69	..	..
D Broxbourne (Broxbournebury)	Mr. D. Cake	5	1 0	140	..	28·28	149	128
D Hoddesdon	H. F. Hayllar, Esq.	5	5 0	120	23·7	26·57	156	131
D Hoddesdon (Feilde's Weir)	Met. Water Board	5	3 8	95	23·7	26·86	167	134
D Haileybury College	The Headmaster	8	1 0	270	24·8	29·18	169	133
D Hertford (Cole Green)	Lee Conservancy Catchm. Bd.	5	1 0	240	..	30·37	174	145
d Stanstead Abbots (Warrax)	E. H. Barlow, Esq.	5	1 2	110	24·4	27·02	..	122

* *Per* Hertfordshire Natural History Society.

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
HERTFORDSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—THAMES—Lea—(*con.*)								
D Hertford (Queen's Road)	J. Barker, Esq.	5	1 0	161	..	30·89	184	135
D Gilston Park	The Head Gardener	8	1 0	175	25·7	28·25	168	138
D Welwyn Garden City (Sewage Wks.)	K. S. Henderson, Esq.	5	1 0	246	24·7	29·78	173	136
D Hertford (Sewage Works)	Met. Water Board	5	1 0	123	23·3	29·02	182	128
D Ware (Red House)	Met. Water Board	5	1 0	105	23·5	27·85	160	128
D Ware Grammar School	The Headmistress	5	1 0	118	23·0	28·18	145	124
D Ware (Chadwell Spring)	Met. Water Board	5	1 0	140	24·2	27·81	149	130
D Wareside (Morley House)	Lee Conservancy Catchm. Bd.	5	1 0	220	..	26·10	171	122
D Welwyn (Harmer Green)	Mrs. E. Weber	5	1 0	403	25·5	30·71	182	136
Welwyn (The Manor House)	Lt.-Col. J. B. Gilliat*	5	0 9	245	..	30·86	..	..
D Kimpton (Stoneheaps)	S. Bendixson Esq.	5	1 0	305	..	30·74	159	129
D Welwyn (Codicote Lodge)	Mr. E. A. Roberts	5	1 0	340	25·8	29·71	168	125
D Much Hadham	Miss J. Mott	5	1 0	212	25·1	29·98	152	134
d Much Hadham (Lordship)	Capt. W. Glynes Bruty	5	1 0	205	24·5	28·46	..	119
D Bishop Stortford (Twyford Ho.)	Laurie Frere, Esq.	5	1 0	181	23·7	28·24	168	127
Breachwood Green	S. J. Simpson, Esq.	5	2 0	484	..	29·30	..	..
D Little Hadham (Hadham Hall)	Miss S. Minet	5	1 0	338	24·5	28·66	161	138
D Hitchin (Preston)	R. de. V. Pryor, Esq.	8	1 0	484	25·2	28·26	162	128
D Furneaux Pelham (The Brewery)	G. Warren Bindloss, Esq.	5	1 0	300	24·8	26·55	170	131
D Buntingford (Wyddial)	Lee Conservancy Catchm. Bd.	5	1 0	410	..	26·60	175	125
D Royston (Therfield Rectory)	Rev. H. R. Humphreys	5	1 0	512	25·2	26·27	170	126
4.—OUSE. 86 sq. mi.								
d Offley (School House)	The Headmaster	5	1 0	526	25·4	29·13	..	114
D Hitchin (Newlands)	The late F. Ransom, Esq.	5	1 0	271	24·8	28·58	173	124
d Hitchin (High Down)	Miss E. Pollard	5	1 1	421	24·6	27·52	..	111
D Letchworth (Gernon Road)	A. W. Brunt, Esq.	5	1 0	280	22·8	22·59	154	122
D Letchworth (Sollershott West)	Edward Grubb, Esq.	8	0 11	310	23·1	24·91	171	120
d Letchworth (Fire Station)	The Surveyor, U.D.C.	5	1 0	290	22·3	22·96	..	..
D Barley (Dalnyveed)	W. F. Sermons, Esq.	5	1 0	300	24·0	25·71	169	122
D Royston (Earls Hill House)	Col. E. C. M. Phillips, D.S.O.	8	1 3	225	23·6	26·25	182	131
BUCKINGHAMSHIRE. (Area, 743 sq. mi.)								
1.—THAMES—Cherwell. 30 sq. mi.								
2.—THAMES—Thame. 158 sq. mi.								
D Parslow's Hillocks	Col. C. S. Prichard	5	1 0	770	31·1	32·47	182	144
D Princes Risborough (Research Lab.)	The Director	5	1 0	333	..	29·62	180	128
D Little Kimble	Dr. L. T. Burra	5	0 10	370	25·0	27·37	168	133
D Weston Turville	G. Eland, Esq.	5	1 0	320	25·5	29·64	153	126
D Tring (Bulbourne)	Grand Union Canal Co.	5	1 0	401	26·2	27·94	178	132
D Aylesbury (Sewage Works)	W. H. Taylor, Esq.	5	1 0	251	25·9	28·21	186	134
d Mentmore Gardens	Mr. T. Lindores	5	1 3	400	25·0	28·79	..	129
d Quainton (Quainton Cottage)	Sir L. H. West, O.B.E.	5	1 0	350	..	28·64	..	..
3.—THAMES—Wye & c. 129 sq. mi.								
D Eton (Tangier Island) (+A)	F. N. McRae, Esq.	5	0 8	68	24·6	28·77	162	122
D Slough (Upton)	The late R. Bentley, Esq.	5	1 0	78	23·9	28·23	169	127
D Slough (Windsor Road)	F. K. Hare, Esq.	5	0 11	69	..	28·40	158	124
D Taplow (Beechwood)	Messrs. Wm. Wood & Son, Ld.	5	1 0	..	..	27·77	156	122
D Taplow Court Gardens (*new g*)	G. H. Emmett, Esq.	5	1 0	211	23·9	29·22	169	133
d Henley-on-Thames (Greenlands)	Lord Hambleden	5	1 0	125	27·1	28·29	..	120
D Burnham Vicarage	Rev. P. Nott	5	1 9	100	..	28·21	173	134
Stoke Poges (Tithe Farm)	G. J. Mortlock, Esq.	5	1 0	164	..	29·64	..	..
D Bourne End	Major Forbes Holland	5	2 0	91	..	31·37	180	133
d Bourne End (Hedsor)	J. Wood, Esq.	8	1 0	170	..	29·29	..	118
D High Wycombe (Flackwell Hth.)	E. Dickson Park, Esq.	5	1 10	365	26·8	30·19	173	133
D Penn (Woodside)	Miss E. M. T. Epps	5	1 0	500	30·7	34·98	179	144
D Penn (Rayners)	Mr. E. Peett	5	1 10	547	29·4	34·99	170	141
D Hampden House	The Earl of Buckinghamshire	5	1 0	695	29·2	32·26	185	143

* *Per* Hertfordshire Natural History Society.

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

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BUCKINGHAMSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—THAMES—Colne. 133 sq. mi.								
d Wraysbury School	R. Watson, Esq.	5	0 8	59	..	27·25	..	..
D Slough (Ditton Park)	G. B. Harrison, Esq.	5	3 0	70	24·7	29·09	146	105
D Slough (Langley)	R. H. Major, Esq.	8	0 10	85	23·9	26·51	160	122
D Denham Golf Club	The Secretary	5	0 11	210	26·4	28·73	156	132
d Gerrards Cross (Bulstrode Gdns.)	Mr. G. Taylor	5	1 6	280	27·2	31·78	..	132
D Chalfont St. Giles (Up Corner Cot.)	Capt. R. E. Field	8	0 10	300	29·6	35·69	172	142
D Beaconsfield	S. H. Dyer, Esq.	5	1 0	250	27·7	33·19	173	134
d High Wycombe (Hazlemere Sch.)	A. J. Chapman, Esq.	5	1 6	568	28·1	33·09	..	..
D Chalfont St. Giles (Roughw'd P'k.)	Thurston Agelasto, Esq.	5	1 0	400	28·8	33·28	169	130
D Amersham Waterworks	F. L. Gordon, Esq.	8	1 0	292	..	35·08	177	140
D Amersham Common (The Plantation)	Mrs. G. H. Fawcett.	8	1 0	464	28·2	33·81	182	143
D Amersham Common (Stanmore)	W. Garton, Esq.	5	1 6	517	30·6	35·83	174	141
D Gt. Missenden (Pumping Sta.)	J. Grimmett, Esq.	5	1 0	372	27·6	32·55	170	137
d Chesham (Nashleigh Hill)	Mrs. Hayes	5	1 0	530	29·1	32·17	..	..
d Mayortorne Manor	Miss N. E. Laycock	5	1 0	500	28·7	(30·30)	..	..
5.—OUSE. 293 sq. mi.								
D Oving House	Mrs. H. Yates Thompson	5	1 0	515	26·4	29·71	185	140
D Swanbourne House School	L. L. C. Evans, Esq.	5	1 0	411	26·3	31·91	169	150
D Mursley Hall	Lady Beecham	8	1 0	490	25·7	27·38	166	124
D Buckingham (Market Hill)	A. Pettipher, Esq.	5	1 0	300	25·3	29·94	186	136
D Stony Stratford (Calverton Lo.)	Lt.-Col. L. C. Hawkins.	5	1 0	230	24·1	29·53	190	136
D Wolverton (Gables Lodge)	J. Forster, Esq.	5	1 0	264	24·0	28·10	177	130
d Wolverton (Council School)	The Headmaster	5	5 0	263	22·9	26·54	..	..
D Newport Pagnell (Lovat Bank)	F. W. Taylor, Esq.	5	1 6	250	..	28·12	163	123
D Newport Pagnell (Lathbury)	F. W. Coates, Esq.	8	1 2	228	23·2	27·76	185	133
d Olney (Gresham Ho.)	H. J. Wells, Esq.	8	1 0	150	..	26·59	..	..
d Turvey (Brayfield House)	Major D. Farrer, J.P.	5	5 0	188	23·3	29·77	..	137
OXFORDSHIRE. (Area, 756 sq. mi.)								
1.—SEVERN—Upper Avon. 10 sq. mi.								
D Sibford Ferris (Woolman Cottage)	Joshua Lamb, Esq.	5	1 0	570	*27·6*	33·66	173	136
2.—THAMES—Windrush & c. 261 sq. mi.								
D Kelmscott	R. Hobbs, Esq.	6	0 10	150	..	31·66	174	127
D Bampton (C.E. School)	E. W. Fry, Esq.	5	0 10	233	..	32·02	158	127
Broughton Poggs	Mrs. Hardcastle.	5	1 0	275	..	34·35	..	..
D Filkins	Hon. Sir Stafford Cripps, K.C.	5	2 0	279	..	32·41	183	139
D Witney (Cokethorpe)	Major H. G. Feilden	5	1 4	230	..	32·72	160	130
D Burford (Westhall Hill)	Capt. W. R. W. Kettlewell, R.N.	5	1 0	400	..	33·14	184	127
D Charlbury (Cornbury Park)	The Head Gardener.	5	1 0	420	..	38·56	151	145
D Wootton Rectory	Rev. F. R. Marriott.	5	1 0	375	..	32·22	180	138
D Bruern Abbey (The Gardens)	F. S. Smith, Esq.	5	1 0	340	..	36·71	168	142
D Chadlington (The Manor)	P. Handy, Esq.	5	1 0	400	..	31·25	160	135
D Chadlington (Langston House)	Lt.-Col. F. W. Schofield, CMG.	5	1 0	430	..	34·67	175	143
D Chipping Norton (Heythrop Col.)	The Procurator.	8	1 0	600	..	35·06	181	142
D Chipping Norton (Bungalow)	T. H. Pettipher, Esq.	5	1 0	750	..	33·33	191	133
D Chipping Norton (Choicehill)	E. W. Arkell, Esq.	5	1 0	500	..	30·82	159	130
3.—THAMES—Cherwell. 250 sq. mi.								
D Nuneham Park Gardens	The Head Gardener	8	1 0	280	..	30·73	155	135
D Oxford (Hincksey Pump. Sta.)	J. F. Richardson, Esq., M.A., C.E.	8	1 0	187	..	30·29	190	132
D Oxford (Osney Lock)	Thames Conservancy.	5	1 6	188	..	30·06	187	133
D Oxford (Magdalen College)	F. J. Parker, Esq.	5	1 0	186	23·8	28·97	185	131
D Oxford (Radcliffe Met. Stn.) (+A)	W. G. Kendrew, Esq., M.A..	8	1 8	208	24·8	30·30	178	131
D Headington (Warneford Asy.)	Dr. A. W. Neill.	5	1 0	300	..	27·67	150	124
D Headington (Forest Lodge)	Major A. V. Spencer, D.S.O.	5	0 11	333	..	29·50	168	150
D Oxford (Northmoor Road)	Rev. Canon J. S. Wimbush	8	1 0	210	..	30·12	172	130
D Headington Hill (Thornhill)	E. S. Fry, Esq.	5	1 0	..	..	28·81	173	130
D Elsfield (Home Farm)	Miss M. J. Parsons.	5	1 0	355	..	30·03	166	132

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
OXFORDSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—THAMES—Cherwell—(*con.*)								
D Tackley (Hill Court)	W. Evetts, Esq., Junr.	5	1 0	340	*27·9*	29·50	171	134
D Bicester (St. John's)	Rev. H. R. Long	5	0 10	240	..	30·67	191	150
D Middleton Park (*new g*)	The Earl of Jersey	5	1 6	326	25·8	31·25	175	138
D Upper Heyford (Aerodrome)(+A)	Meteorological Officer	8	1 0	408	..	31·39	180	134
D Steeple Aston (The Grange)	Arthur E. Bradshaw, Esq.	8	1 0	400	*27·2*	32·73	186	136
D West Adderbury (Court End)	Lt.-Col. H. E. du C. Norris	5	0 10	330	..	33·59	175	137
D West Adderbury (St. Amand's)	Rev. B. W. Bradford	6	2 0	350	..	33·34	184	139
D Adderbury (The Rookery)	C. C. Bradford, Esq.	8	1 0	323	..	34·37	191	153
d Banbury (Cotefield)	Capt. C. N. Keyser	5	1 0	300	..	33·60	..	139
d Banbury (Epwell Mill)	P. Withers, Esq.	5	1 0	520	..	(32·02)	..	..
D N. Newington (Orchard Ho.)	H. J. Busby, Esq.	5	1 3	425	..	33·61	171	132
D Banbury (Bloxham Road)	Dr. C. Royds Jones	5	1 0	416	..	34·60	182	138
D*Grimsbury (Banbury W.W.)	Banbury Water Co.	8	1 3	316	..	32·59	173	133
D Wroxton	Miss Fitz Gerald	8	1 3	500	..	33·27	186	143
4.—THAMES—Thame & c. 210 sq. mi.								
d Shiplake	Mrs. G. A. Yool	5	1 0	156	..	26·33	..	118
d Goring Heath	Rev. Canon F. T. Wintle	5	1 0	400	..	31·36	(187)	(134)
D Shiplake (Crescent Key)	A. E. Hobbs, Esq.	5	1 1	127	..	26·29	162	125
D Goring	G. C. Turner, Esq.	5	1 0	159	..	30·06	187	138
D Harpsden (Cray) (+A)	B. E. Dunbar Kilburn, Esq.	5	1 0	230	..	27·83	168	125
D Henley-on-Thames (Hart St.)	A. Edward Hobbs, Esq.	5	1 6	110	..	28·11	165	132
D Henley-on-Thames (Greys Lane)	G. F. Smith, Esq.	5	1 1	123	..	28·07	150	126
D Henley-on-Thames (Greys Gr.)	Mrs. H. Wolferstan	5	1 6	350	..	32·96	181	140
D Ipsden (Hailey)	Glynne Williams, Esq.	5	1 0	350	..	32·41	207	135
D Nettlebed (Joyce Grove) No. 1	Mr. F. Morby	5	1 0	590	..	35·94	166	143
D Swyncombe House	C. W. Christie-Miller, Esq.	5	1 0	515	..	34·95	164	143
D Swyncombe (Cookley House)	J. S. C. Bridge, Esq.	5	1 0	730	..	34·42	187	141
D Culham	F. Mitchell, Esq.	5	0 10	180	..	25·04	164	124
Culham (Zouch Farm)	P. E. Saunder, Esq.	5	3 6	186	..	25·68	..	..
D Clifton Hampden (Manor House)	The late Lord Aldenham	5	1 0	190	*24·9*	30·31	173	125
D Watlington (Pyrton Manor)	Major H. Ducat Hamersley	5	1 0	325	*26·7*	30·16	182	139
D Wheatfield	A. J. Spencer, Esq.	5	0 11	275	..	30·54	167	139
Toot Baldon (Potlands)	D. Clinkard, Esq.	5	1 0	288	..	29·87	163	..
d Towersey Vicarage	Rev. H. E. Cooper	5	1 0	250	27·5	(31·06)	(175)	(135)
5.—OUSE. 25 sq. mi.								
NORTHAMPTONSHIRE. (Area, 1003 sq. mi.)								
1.—SEVERN—Upper Avon. 60 sq. mi.								
D Rugby (Kilsby Vicarage)	Rev. C. Ryder Macnally*	5	0 10	450	*26·5*	30·69	156	134
D Winwick Warren	Capt. P. L. Ransom	8	1 5	648	*27·2*	32·83	207	145
D Naseby Reservoir	Grand Union Canal Co.	5	2 0	519	*25·7*	28·34	186	132
2.—THAMES—Cherwell. 77 sq. mi.								
D Croughton	C. A. St. George Moore, Esq.	5	1 0	430	*25·6*	32·34	175	137
d*King's Sutton (Manor House)	G. Morgan, Esq.	5	1 0	338	*25·8*	32·56	..	123
3.—OUSE. 148 sq. mi.								
D*Brackley (Waterworks)	W. M. Oldreive, Esq.	5	1 5	471	*26·1*	32·62	156	127
D Hazelborough Woods	Forestry Commission	8	1 0	241	*25·5*	32·43	184	147
D Silverstone (The Chantry)	Miss A. M. Wood		..	450	..	30·29	179	129
D Silverstone (Council School)	J. P. Osborne, Esq.	5	1 0	400	*25·9*	31·67	171	131
D Wappenham (Lois Weedon Vic.)	Rev. E. V. Fenn	5	1 2	400	..	33·02	188	137
D Towcester (Bradden House)	Miss U. Grant-Ives	5	0 10	420	*26·9*	31·79	181	137
D Towcester (Easton Neston)	Sir T. Fermor-Hesketh, Bt.	8	1 0	325	*25·8*	31·83	191	143
d Roade (Council School)	The Headmaster	8	1 0	394	*25·2*	29·70	..	..
w Hargrave Hall	Sir K. Murchison	5	1 0	273	*23·7*	24·85	..	..

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DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
NORTHAMPTONSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—NENE. 622 sq. mi.								
D Salcey Forest	Forestry Commission	8	1 3	370	*25·4*	30·04	179	128
D*Blisworth (Crieff House)	A. Westley, Esq.	5	1 0	351	*24·9*	30·65	185	128
D Blisworth (Grand Junc. Canal)	Grand Union Canal Co.	5	1 6	300	*23·8*	32·84	182	134
D*Little Houghton House	Mrs. U. C. Davidge	5	1 0	270	*23·9*	29·48	160	129
D Northampton (Hardingstone G.Stn.)	Electric Light & Power Co.	5	1 0	189	..	28·01	167	114
D Northampton (Upton)	J. R. Foster, Esq.	5	1 0	270	..	30·24	164	126
Northampton (St. Andrew's Hosp.)	D. F. Rambout, Esq., M.D.	5	0 9	250	..	29·58	158	111
d*Northampton (General Hosp.)	H. St. John Wood, Esq.	5	1 1	258	*23·6*	30·13	163	120
D Northampton (Mental Hosp.)	W. R. Budgen, Esq.*	8	1 2	398	*23·8*	31·72	174	121
D*Northampton (Stimpson Av.)	W. C. Knill, Esq.	8	1 0†	329	..	29·34	170	125
D*Northampton (Mercers Row)	R. H. Primavesi, Esq.	5	12 0	250	..	34·21	199	129
d*Flore	Major C. A. Markham	5	1 0	344	*25·2*	34·14	..	128
D*Duston (Southfield Road)	W. P. Walker, Esq.	5	1 0	342	*24·9*	32·80	190	143
D Wollaston	G. Harris, Esq.	5	2 0	250	*22·4*	25·85	167	116
D Daventry (Tunnel End)	Grand Union Canal Co.	5	1 6	394	*25·8*	29·28	180	126
D*Althorp Park	Mr. G. Low	5	1 0	414	*25·6*	31·83	183	139
D Sywell Hall	Brig.-Gen. H. E. Stockdale	5	1 0	371	*25·8*	29·49	196	132
D Wellingborough (Nene Wharf)	R. Nene Catchment Bd.	5	1 0	135	..	26·96	162	123
D*Wellingborough (Swanspool)	R. S. Henshaw, Esq., C.E.	5	1 0	169	24·3	27·79	183	130
D Wellingborough (Sewage Works)	R. S. Henshaw, Esq., C.E.	5	1 0	139	*23·2*	25·46	159	118
D§Wellingboro' (Bushfield W.W.)	R. S. Henshaw, Esq., C.E.	8	1 0	286	*23·3*	26·26	180	128
*Watford Court	Lord Henley	8	1 0	430	*26·0*	30·14	..	..
D*Ravensthorpe	W. C. Knill, Esq.	5	1 0	370	*25·5*	29·79	186	130
D West Haddon (Foxhill)	P. F. H. Wykeham, Esq. C.E.	8	1 0	440	..	30·59	167	134
D Hardwick Pumping Stn.	R. S. Henshaw, Esq., C.E.	5	1 0	318	..	24·51	173	126
D Orlingbury Pumping Station	R. S. Henshaw, Esq., C.E.	5	1 0	286	..	28·39	175	134
D Kettering (Cransley Furnaces)	New Cransley Iron & Steel Co.	5	1 0	218	..	27·23	203	141
D Kettering W.W. (Cransley)	Major J. P. Haugh	8	1 0	275	*24·5*	25·66	180	129
D*Kettering (Sewage Works)	Major J. P. Haugh	8	1 0	199	*23·9*	26·31	194	128
D Kettering W.W. (Thorpe Malsor)	Major J. P. Haugh	5	1 0	351	*24·9*	26·12	177	129
D Kettering W.W. (Clover Hill)	Major J. P. Haugh	5	1 0	344	*24·5*	24·08	162	120
D Thrapston (Drayton Ho.)	Mr. C. V. Craske	5	1 6	220	..	25·81	162	132
Rothwell (Loddington)	Mr. J. Oliff	5	1 0	400	*25·1*	26·41	161	..
D Tichmarsh Rectory	Rev. Canon A. M. Luckock*	5	1 0	170	*23·7*	25·96	190	120
D Rothwell (Shotwell Mill W.W.)	The Surveyor, U.D.C.	5	1 6	340	*23·8*	26·11	164	128
d Desborough Council School	F. W. Grudgings, Esq.	5	1 0	400	*26·0*	28·09	..	..
D Desborough U.D.C. Waterworks	A. Harris, Esq., C.E.	5	0 9	457	*25·3*	26·50	154	126
d Barnwell (Lilford Hall)	Lord Lilford	8	1 0	..	*23·6*	24·09	..	..
d Oundle (Milton Road)	J. M. Siddons, Esq. C.E.	5	1 6	131	22·3	23·99	..	115
D*Oundle (School)	The Headmaster	8	1 0	147	*22·3*	22·71	182	115
d Oundle (Nene Wharf)	R. Nene Catchment Bd.	5	1 0	65	..	26·53	..	..
D Peterborough (Woodston)	Central Sugar Co., Ltd.	5	1 0	25	..	21·25	166	99
D Peterborough (Westbourne Ho.)	E. H. Colman, Esq.	5	1 0	35	*21·7*	21·04	162	116
D Peterborough (Park Crescent)	S. M. Egar, Esq.	5	1 0	..	..	22·85	172	115
D*Peterborough (Abbeyfields)	Major J. Shipley Ellis, J.P.	5	1 0	49	*22·4*	22·46	175	121
D*Peterborough (Milton Park)	Mr. E. A. Parker	5	2 0	86	..	22·63	167	123
D Wittering (Whitewater)	E. Betts, Esq.	8	1 0	241	*23·3*	24·84	168	126
D Wittering (Bone Mill)	E. Betts, Esq.	8	1 0	..	*23·2*	24·83	151	128
5.—WELLAND. 96 sq. mi.								
D Market Harboro' (Dingley Hall)	Mr. V. Read*	5	1 6	400	*26·0*	32·20	191	139
d*Rockingham Castle Gardens	The Head Gardener	5	1 6	450	*25·9*	26·68	..	..
D Gretton School	The Headmaster	5	0 10	380	..	26·92	167	128
d Gretton (Hillside)	W. Leeson, Esq.	7	1 0	275	..	25·49	(161)	(123)
d Easton-on-the-Hill	W. H. Tillson, Esq.	5	0 7	290	23·5	22·59	..	..
D Market Deeping (Etton)	W. H. A. Court, Esq., C.E.	8	1 0	25	*21·8*	22·14	161	120

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† "Ground" is the roof of a reservoir 18 ft. above the general level.

§ Turf wall round gauge.

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
HUNTINGDONSHIRE. (Area, 366 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—OUSE. 327 sq. mi.								
D St. Neots (The Square)	Miss L. Sibley	5	0 10	50	..	26·44	185	123
D Brampton School	W. T. Carter, Esq.	5	1 0	40	..	21·66	159	113
d Hemingford Grey	G. F. Wilson, Esq.	5	1 6	20	21·9	21·76	..	113
D St. Ives (Slepe House)	Dr. W. R. Grove	5	1 0	25	22·6	22·38	157	114
D Huntingdon (Hinchingbrooke)	W. Prowting, Esq.	5	2 0	70	..	23·52	169	122
D Catworth (School House)	J. H. Annet, Esq.	5	0 9	238	23·7	23·65	175	116
D Whittlesea Mere	Major R. G. Clark, C.E.	8	1 6	10	21·4	20·77	164	114
2.—NENE. 39 sq. mi.								
BEDFORDSHIRE. (Area, 467 sq. mi.)								
1.—THAMES—Colne. 20 sq. mi.								
D Whipsnade Park	The Zoological Society	5	1 0	704	..	32·54	176	134
D Luton (Stockwood)	Capt. H. C. Ross-Skinner	5	1 0	539	..	29·73	156	126
2.—THAMES—Lea. 32 sq. mi.								
D Luton (Pumping Station)	J. W. Tomlinson, Esq., C.E.	5	1 0	343	*25·9*	33·47	180	133
D Dunstable (Cement Works)	Works Manager	8	1 0	430	..	29·29	175	131
D LUTON (Wardown Park)	J. W. Tomlinson, Esq., C.E.	5	1 0	381	..	27·79	166	119
D Luton (The Downs)	The late G. W. Pryer, Esq.	5	1 0	479	..	28·12	182	131
D Luton (Stopsley)	Lee Conservancy Catchm. Bd.	5	1 0	540	..	28·69	179	132
3.—OUSE. 408 sq. mi.								
d Shefford (Stondon Manor)	The late R. Long, Esq.	5	1 0	241	..	22·77	..	..
D Hockliffe (Lyndhurst)	C. J. Kilby, Esq	5	1 0	350	..	28·84	152	140
D WOBURN (Experimental Farm)	Lawes Agricultural Trust	8	1 0	291	23·9	26·09	173	125
D Woburn (Fruit Farm, Ridgmont)	E. J. Hobbs, Esq.	5	1 0	270	..	28·31	167	137
D Letchworth (New Sewage Works)	The Surveyor, U.D.C.	5	1 0	195	..	22·95	166	125
D Stotfold (Three Co. Mental Hos.)	Dr. L. O. Fuller	5	1 0	220	*23·2*	21·31	161	114
D Silsoe (The Red House)	H. I. Godfrey, Esq.	5	..	..	..	24·12	158	122
D Aspley Guise	C. A. C. Bowlker, Esq., M.A.	5	1 0	400	..	29·31	171	136
D Shefford (Clifton Bury)	W. Inskip, Esq.	5	1 0	137	..	22·41	177	120
D Shefford Council School	Mrs. R. Alldritt	5	1 0	126	..	25·97	168	117
Shefford (Stanford)	H. Inskip, Esq.	5	2 0	90	..	21·32	..	..
D Biggleswade (New Spring P.S.)	T. A. Staniforth, Esq.	5	1 6	180	..	20·99	158	108
D Biggleswade (Ickwell Bury)	Rev. G. L. Deuchar	8	1 2	125	..	21·77	172	120
D Potton (Sewage Wks.)	C. M. Robinson, Esq.	5	1 2	118	..	22·43	141	118
D Sandy (Mogerhanger Park)	Dr. C. G. Welch	5	1 0	152	..	25·66	168	132
D Sandy (Sewage Works)	Sandy U.D.C.	5	1 0	72	..	23·20	187	116
D Bedford (Castle Road)	Miss M. E. Newbery	5	7 0	108	..	24·14	172	121
D Bedford (Bedford Park)	The Borough Engineer	8	1 3	117	..	22·88	162	118
D Great Barford House	J. Arnold Whitchurch, Esq.	5	1 0	120	..	24·51	168	128
D Bletsoe Rectory	Rev. W. Francis Hicks	5	1 6	195	..	23·34	174	120
Sharnbrook (Glen Lui)	L. Stileman-Gibbard, Esq.	5	1 0	210	..	26·07	..	..
4.—NENE. 7 sq. mi.								
CAMBRIDGESHIRE. (Area, 859 sq. mi.)								
1.—STOUR. 17 sq. mi.								
2.—OUSE. 741 sq. mi.								
D Ashwell (Odsey)	W. Herbert Fordham, Esq.	5	2 0	256	23·0	25·06	174	123
Litlington Vicarage	Rev. M. de Courcy-Ireland	5	1 0	98	..	24·32	151	..
D Guilden Morden Vicarage	Rev. Ll. G. S. Price	5	1 0	140	21·9	24·60	158	118
Abington Pigotts Hall	Rev. M. de Courcy-Ireland	5	1 0	87	21·8	28·30	170	117
D Melbourn (Melbourn Bury)	A. R. Fordham, Esq.	5	1 0	90	..	24·31	179	128
D Meldreth (Chiswick Farm)	A. A. Howard, Esq.	5	1 1	70	22·4	24·33	184	121
D Bartlow (Horseheath)	Major E. P. Kingzett	5	1 0	402	..	23·74	187	127

DIVISION III—SOUTH MIDLAND COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	CAMBRIDGESHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—OUSE—(*con.*)								
d	Whittlesford (Scotts)	Robert Maynard, Esq	5	0 6	68	22·3	23·23	..	..
D	Hildersham (Old Mill House)	Lt.-Col. O. B. Foster	5	0 9	108	..	24·12	172	126
	Wimpole Hall	W. J. Snell, Esq.	5	1 0	141	23·0	20·50	..	117
D	Grantchester (Lyndewode)	J. Nutter, Esq	5	1 0	31	22·6	22·95	160	120
D	Fulbourn (Fleam Dyke)	Cambridge W.W. Co.	5	1 0	99	21·0	22·15	174	123
D	Fulbourn Pumping Station	Cambridge W.W. Co.	5	1 0	37	22·9	21·63	165	121
D	Fulbourn (Cambridge Mental Hos.)	The Farm Bailiff	5	1 6	72	..	24·77	154	114
D	Cambridge W.W. (Cherryhinton)	Cambridge W.W. Co.	5	1 0	35	21·6	21·50	158	111
D	Cambridge (Barrow Road)	N. T. Myers Esq.	8	0 10	45	23·8	25·57	182	128
D	Cambridge (Corporation Store Yd.)	G. W. Teasdale, Esq., C.E.	5	1 8	52	21·2	22·78	153	112
D	CAMBRIDGE (BOTANIC GARDENS)	The Curator	5	1 1	41	21·8	23·41	150	119
D	Cambridge (Trumpington Rd.)	Canon H. J. E. Burrell	5	1 6	50	..	23·52	165	114
D	Cambridge (Corporation Ppg. St.)	G. W. Teasdale, Esq., C.E.	5	1 7	28	22·1	21·19	153	107
D	CAMBRIDGE (UNIVERSITY FARM)	The Director	5	1 0	78	..	25·04	175	123
D	Caxton	Dr. E. P. H. Dudley	5	1 0	160	23·3	20·33	144	114
D	Quy Hall	Lt.-Col. J. C. W. Francis	5	0 9	23	22·6	25·99	165	127
	Girton (Langton Close)	S. Welsford Pain, Esq.	5	1 0	68	..	24·97	..	..
d	Boxworth (Manor House)	E. H. Thornhill, Esq.	5	1 0	76	23·4	25·85	..	114
d	Oakington	A. H. V. Bloom, Esq.	5	1 3	27	..	24·96	..	120
D	Cottenham (Bernard House)	Miss K. Bull	5	1 6	30	22·1	23·73	182	126
D	Conington (Conington Hall)	The late P. T. Gardner, Esq.	5	1 0	50	24·7	23·68	156	121
D	Fordham (London House)	W. V. Bloom, Esq.	5	1 0	30	21·4	21·09	152	115
D	Stretham Engine	E. Stevens, Esq.	5	4 9	13	21·2	18·39?	153	109
	Stretham (Orchard House)	Miss Wright	8	4 6	42	22·0	22·26	147	124
D	Littleport (Highfield House)	H. G. Martin, Esq.	8	4 0	67	21·3	21·46	159	121
d	March	Major R. G. Clark, C.E.	9	2 0	10	22·8	22·25	..	120
D	Upwell (Marmont Priory Lock)	Major R. G. Clark, C.E.	8	1 1	..	20·6	22·70	144	112
	3.—NENE. 101 sq. mi.								
D	Stanground Sluice	Major R. G. Clark, C.E.	8	1 6	15	20·3	20·16	163	109
D	Parson Drove (Clows Cross)	W. Kingston, Esq.	8	1 0	6	22·1	22·25	168	117
D	Wisbech (Queen's Road)	C. Dann, Esq	5	1 6	10	26·3	21·38	161	118
D	Wisbech (Tydd Manor)	A. H. Carter, Esq.	5	6 6	..	..	21·45	142	118

DIVISION IV—EASTERN COUNTIES.

ESSEX. (Area, 1,532 sq. mi.)

	1.—THAMES.—Lea. 132 sq. mi.								
D	West Ham (Abbey Mills)	London County Council	8	0 10	15	22·3	23·45	158	129
D	Leyton (Sewage Works) (+A)	A. P. Howell, Esq., C.E.	5	0 9	22	23·0	24·34	169	135
D	Leytonstone (High Road)	Miss G. Lister	5	1 3	100	24·3	26·13	187	134
D	Lea Bridge (Waterworks)	Met. Water Board	5	1 0	23	..	24·05	154	128
D	Walthamstow (Ferry Lane)	Met. Water Board	5	1 0	30	22·6	26·21	160	128
D	Woodford (Haggar Lane)	Met. Water Board	8	1 0	176	23·0	26·18	158	130
D	Buckhurst Hill Reservoir	Met. Water Board	5	1 0	275	..	27·01	179	132
d	Buckhurst Hill (Queen's Rd.)	A. J. Mead, Esq.	5	4 5	190	..	25·68	..	..
D	Chingford (Crescent Road)	Miss M. L. Mathieson	5	2 9	200	..	26·48	176	130
D	Chingford Mill	Met. Water Board	5	1 0	40	..	25·48	164	122
D	Loughton (High Beech Res.)	Met. Water Board	8	1 0	376	..	28·97	182	135
D	Waltham Abbey (Rammey Marsh)	Met. Water Board	5	1 0	60	..	25·74	164	128
D	Waltham Abbey (Pumping Sta.)	Met. Water Board	5	1 8	62	..	25·94	162	127
D	Waltham Abbey (Upshire)	Lee Conservancy Catchm. Bd.	5	1 0	270	..	27·16	169	135
d	Waltham Abbey (Gunpr. Fact.)	The Superintendent	5	1 0	64	..	24·43	..	..
D	Hatfield Broad Oak (Barrington)	A. H. Gosling, Esq.	5	0 10	300	..	28·96	182	133
	Bishop Stortford (Hassobury)	Major W. S. Gosling	5	0 10	290	..	28·06	170	..
D	Elsenham (Gaunts End)	W. E. Greenfield, Esq.	5	1 0	363	24·6	26·84	167	128
D	Stansted (Bentfield Place)	L. D. Gosling, Esq.	5	0 9	300	..	27·88	179	131

DIVISION IV—EASTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	ESSEX—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—THAMES—Roding, & c. 316 sq. mi.								
D	Grays (Sewage Works)	The Manager	8	1 6	7	..	24·10	168	119
d	Tilbury (Park View Obsy.)	S. A. Hill-Willis, Esq., C.E.	5	1 0	4	..	24·36	..	114
D	Grays (Stanley Road)	Grays U.D.C.	5	3 3	21	..	23·45	151	124
D	East Ham (Central Park)	The Corporation	8	1 0	15	22·3	23·16	163	133
D	East Ham Well	Met. Water Board	5	1 0	17	21·6	20·68	155	115
D	Corringham (Pembroke Avenue)	H. Mousley, Esq.	5	1 0	67	..	23·05	167	121
d	Dagenham Sanatorium	The Medical Superintendent	5	1 0	18	19·3	17·80	..	114
D	Forest Gate (Monega Road)	C. E. Golding, Esq.	5	0 11	20	22·1	24·22	179	137
D	Ilford Sewage Works	The Borough Engineer	5	1 0	31	..	23·17	168	127
D	Leigh (Brick House)	Miss I. Bentall	5	0 10	136	..	21·94	155	122
D	South Benfleet (Hillside Road)	H. A. Marshall, Esq.	5	1 0	55	..	23·66	169	122
D	Vange Pumping Station	Southend Water Works Co.	5	1 0	43	..	23·93	168	126
d	Manor Park (City of L'dn. Cemy.)	The Superintendent	5	0 6	50	22·8	24·07	..	..
d	Pitsea Pumping Station	Southend Water Works Co.	5	1 0	28	..	25·32	..	..
D	Horndon (Eastern Sew. Works)	Hornchurch U.D.C.	8	1 6	23	..	21·64	159	119
D	Hornchurch	Hornchurch U.D.C.	8	1 6	44	..	22·29	163	127
D	Wanstead (Red Bridge)	Met. Water Board	5	1 0	25	..	23·52	160	124
D	Havering-atte-Bower (Fernside)	Benjamin Smith, Esq.	5	1 0	340	..	27·65	184	140
D	Loughton (The Summit)	Dr. F. Stoker	5	0 9	350	..	26·94	177	139
D	Theydon Bois (Thrifts Hill)	H. Kemsley, Esq.	5	1 0	245	..	23·91	163	126
D	Theydon Bois (Birch Hall)	Mrs. Gerald Buxton	5	1 0	300	..	26·02	156	132
d	Theydon Bois (The Vicarage)	Mrs. M. C. Ames	5	0 10	240	..	27·08	..	118
D	North Weald (Canes)	H. W. Hart, Esq.	5	1 0	250	..	27·12	157	129
	3.—CROUCH. 186 sq. mi.								
D	Shoeburyness (New Ranges)	The Meteorological Office	8	1 0	11	18·9	18·44	168	111
D	Southend (The Cliffs)	The Corporation (Pier Master)	8	1 0	90	19·7	21·55	174	116
D	Southend (S'thchurch Boulevard)	H. J. G. Ralph, Esq.	8	1 0	66	..	21·71	167	116
D	Southend (Waterworks)	Southend Water Works Co.	8	1 0	112	21·1	22·48	182	123
D	Westcliff-on-Sea	Messrs. Boatman, F.S.M.C.	5	1 0	100	..	22·18	175	127
D	Shoeburyness*	Officer-in-Charge	5	1 0	11	18·4	19·90	167	114
d	Leigh Reservoirs	Southend Water Works Co.	5	1 0	177	..	23·40	..	..
D	Eastwood Pumping Station	Southend Water Works Co.	8	1 0	50	..	23·74	177	132
D	Thundersley Reservoir	Southend Water Works Co.	5	1 0	277	..	25·74	182	131
W	Nevendon Pumping Station	Southend Water Works Co.	5	1 0	43	..	24·83	..	..
D	Billericay (Service Tank)	Southend Water Works Co.	5	1 0	310	..	22·96	170	122
D	Billericay (Ramsden Hall)	T. W. Bacon, Esq.	5	0 9	260	..	26·80	150	130
d	Wickford (Runwell Hall)	Miss A. Kemble	5	0 7	75	*24·2*	28·21	..	127
D	Southminster (Dudswell)	Mrs. H. G. Owen	5	1 0	60	..	24·05	152	124
d	Southminster (The New Moor)	P. C. Attenborough, Esq.	5	1 6	72	..	21·15	..	114
D	Bradwell-on-Sea (Bradwell Hall)	H. D. Chillingworth, Esq.	5	4 0	27	20·7	25·30	155	122
	4.—BLACKWATER. 425 sq. mi.								
D	South Hanningfield (Bearmains)	C. W. Gardner, Esq.	8	1 10	220	..	25·70	163	127
D	Ingatestone (Trueloves)	W. Ransom, Esq.	5	1 0	249	..	25·40	174	120
D	Ingatestone (Fryerning)	A. E. Christy, Esq.	5	1 0	290	..	26·26	175	126
D	Chelmsford (Longstomps Res.)	The Water Engineer	5	1 0	230	..	27·41	182	131
D	Chelmsford (Agr. Stn.)	The Prin. E. Anglia Inst. Ag.	5	1 0	193	..	25·48	151	120
d	Danbury Park Gdns.	The Head Gardener	5	1 6	120	..	26·35	..	112
D	Maldon	Town Clerk	5	1 0	14	..	23·71	162	114
D	Writtle (Melbourne)	J. A. Rosling, Esq.	5	0 9	140	..	29·22	179	134
D	Chelmsford (County Gardens)	The Prin. E.Anglian Inst. Ag.	5	1 3	134	22·3	27·03	175	127
D	Chelmsford (Little Baddow)	A. L. Woodhouse, Esq.	5	1 0	180	..	24·71	156	131
D	Langford (Treatment Plant)	Southend Water Wks. Co.	8	1 5	40	..	26·15	165	124
d	Witham (Wickham Hall)	D. B. Smith, Esq.	5	0 10	60	..	24·34	..	115
d	Wickham Bishops	Mrs. Fowler	5	1 4	250	..	23·71	..	..

*Moved from Gt. Wakering, 4·4·35. 1¼ miles.

DIVISION IV—EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
ESSEX—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—BLACKWATER—(*con.*)								
D Tolleshunt D'arcy (Oxley Hill)	H. Campkin, Esq.	5	0 9	100	..	26·23	176	134
D Pleshey Vicarage	Rev. C. H. B. Woodd, M.A.	8	1 3	200	..	25·16	180	123
D Terling Place Gdns.	B. May, Esq.	5	1 2	100	..	22·80	167	123
D Witham (Faulkbourne Hall)	Miss C. L. Parker	5	0 8	100	..	24·09	158	120
D Little Leighs (Lavender Leez)	W. C. Neild, Esq	5	1 2	192	..	25·63	161	121
D Kelvedon (Lawn House)	F. Randolph-Symmons, Esq.	5	1 0	96	..	24·79	157	128
Rivenhall (Park Gate Farm)	C. T. Richardson, Esq.	5	1 0	149	..	23·03	..	..
D Felsted School	E. H. Lockwood, Esq	5	1 0	248	*22·9*	26·55	146	117
D Little Dunmow (Throws)	Mrs. D. Hasler	5	0 9	276	..	27·65	169	126
D Great Dunmow	Messrs. Hasler & Co., Ltd.	5	1 0	241	..	28·34	160	124
D Rayne (Staneway)	Mrs. Burt	5	1 6	247	..	28·11	145	122
D Great Bardfield (South Lodge)	A. W. Brunwin, Esq.	5	1 0	250	..	25·61	159	118
D Saffron Walden (Pounce Hill)	S. G. Wall, Esq.	5	1 0	390	..	25·28	192	131
5.—COLNE & C. 283 sq. mi.								
d St. Osyth (Wigborough Wick)	P. B. Smith, Esq	5	1 6	10	..	23·38	..	..
D CLACTON-ON-SEA (Hospital Site)	The Town Clerk	5	1 0	53	20·5	26·60	175	121
d Great Clacton (Clay Hall)	Miss E. A. Smith	5	1 0	45	..	25·89	..	..
D Little Holland (The Sluice House)	Essex Rivers Cathmt. Bd.	5	0 10	5	..	25·09	156	122
D WALTON-ON-THE-NAZE	Clerk to the U.D.C.	5	1 0	60	..	23·70	160	116
D Colchester (King's Ford) *new g.*	Cmdr.E.A.Digby,R.N.,K.C.	5	1 0	103	..	27·22	150	125
d Colchester (Hythe Gas Works)	Colchester Gas Co.	8	0 10	12	..	27·40	..	..
D Colchester (Castle Park)	H. Collins, Esq., C.E.	8	1 2	87	..	27·41	161	119
D Colchester (Waterworks) (+A)	H. Collins, Esq., C. E.	5	1 5	37	..	25·59	166	120
D Lexden (Hill House, S. No. 2)	S. F. Hurnard, Esq.	5	1 0	90	..	25·98	167	118
D Great Bromley (Broughton)	W. A. Roberts, Esq	5	1 0	115	..	28·40	146	119
D EARLS COLNE (Grammar School)	The Headmaster	5	1 0	168	..	23·69	142	112
Halstead (Attwoods)	R. E. Vaizey, Esq.	5	1 0	200	..	27·78	173	128
D HALSTEAD (The Brewery)	F. N. Adams. Esq.	5	1 0	140	23·0	27·42	160	119
D Sible Hedingham (White House)	T. Elrington, Esq.	5	1 0	150	..	26·28	170	126
Gt. Maplestead (Monk's Hall)	Miss J. Miller	5	1 0	200	23·5	23·41	..	..
D Great Yeldham Hall	G. A. Goodchild, Esq	5	1 6	200	23·1	25·15	175	129
6.—STOUR. 110 sq. mi.								
D DOVERCOURT	Borough Surveyor, Harwich	5	1 0	47	21·1	24·77	141	112
D Mistley (The Maltings)	Messrs. Brooks (Mistley) Ltd.	8	1 0	25	22·2	26·09	159	117
D Langham Waterworks *old g.*	S. Essex Waterworks Co.	5	1 0	44	..	25·51	181	119
D Langham Waterworks *Standard*	S. Essex Waterworks Co.	5	1 0	44	..	25·07	176	118
7.—OUSE. 80 sq. mi.								
D Widdington Rectory	Rev. Jas. W. Court	5	1 3	340	..	24·69	155	131
D Great Chesterford Mills	E. H. King, Esq	5	1 0	130	..	24·14	166	123
SUFFOLK. (Area, 1,489 sq. mi.)								
1.—STOUR. 271 sq. mi.								
D East Bergholt (Ackworth Ho.)	A. Harwood, Esq.	8	1 0	145	..	26·87	187	120
D Capel St. Mary School	Bernard B. Taylor, Esq.	5	1 6	156	24·2	28·35	186	127
D Assington Hall	Mr. E. J. Ottaway	5	1 0	200	22·5	25·26	166	136
D Great Cornard (The Limes)	E. Oliver, Esq.	5	1 0	85	..	25·64	156	129
D Sudbury (Friars St.)	E. Ransom, Esq	5	1 6	93	23·2	25·53	194	131
D Sudbury (Waterworks Stn.)	The Borough Surveyor.	5	1 0	131	..	24·98	152	122
D Hadleigh (Penlands)	E. A. Lee, Esq	5	1 0	185	24·4	29·52	178	132
D Waldringfield (Holbrook Hall)	Mrs. F. Ramsay	5	1 1	185	23·6	25·91	151	133
D Clare (Nethergate House)	The late Lt.-Col. R. C. Bond, D.S.O	5	1 0	120	..	25·19	170	118
D Long Melford (Westgate Ho.)	E. F. Colvile, Esq.	5	1 0	146	..	24·95	168	132
D HARTEST (Chadacre Institute)	The Principal	5	1 0	250	..	26·45	182	125

DIVISION IV—EASTERN COUNTIES—(*con.*).

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SUFFOLK—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—ORWELL. 166 sq. mi.								
D COPDOCK .....(+A)	F. L. Bland, Esq.	8	1 0	164	*24·5*	28·04	169	121
D Ipswich (Museum)	F. M. Cullum, Esq.....	8	1 0	72	..	24·60	178	130
d Ipswich (Henley Rd.)†	Percy Turner, Esq.....	8	1 0	150	..	(26·32)	(181)	(131)
Elmsett (Laurel Cottage)	A. E. Ladbrook, Esq.....	5	2 0	210	..	29·46	155	134
D Nettlestead (High Hall)	A. S. P. White Cooper, Esq..	5	1 6	236	..	26·42	156	132
D Coddenham (Shrubland Park)	Mr. A. C. Horton.....	5	1 6	162	..	28·62	162	134
D Haughley (Haughley House)	Mrs. S. H. Creagh.....	5	1 0	180	..	25·71	175	122
D Haughley (Pine Lodge)	A. A. Geater, Esq.	5	1 6	131	..	27·38	207	138
3.—DEBEN & C. 466 sq. mi.								
D FELIXSTOWE (Aerodrome) ...(+A)	Meteorological Officer.....	8	1 0	15	20·3	24·26	165	111
D Waldringfield	Major B. R. M. Glossop....	8	1 0	70	..	26·43	181	129
D Woodbridge Abbey	Col. R. J. Carthew.....	8	1 0	46	..	27·30	169	119
D Orford (The Gables)	Miss E. A. Rope.....	5	1 1	30	..	25·52	184	131
Melton (Greylands)	Miss Jervis-White-Jervis...	5	1 6	50	..	28·44	176	138
D Melton (St. Audrey's Hospital)	The Clerk and Steward.....	8	1 3	90	..	27·42	179	131
D Henley Hall	Mrs. Gascoigne.....	5	2 0	150	..	30·07	187	138
D Rendlesham Hall	Mr. H. Long.....	5	1 6	88	23·1	27·85	160	117
D Campsea Ashe (High House)	Viscount Ullswater, G.C.B..	8	1 0	60	23·0	28·87	175	124
Charsfield (Red House)	Hugh P. Youngman, Esq...	5	1 9	150	..	27·51	..	..
D Blaxhall	R. H. Sherwood, Esq.....	5	1 0	..	..	30·68	185	133
d Snape (Green Heys)	Mrs. G. H. Garrett.....	5	1 1	100	..	29·62	..	125
D Snape (Wadd House)	Capt. E. H. Buxton.....	5	1 0	25	..	30·00	170	119
d Saxmundham	Lt.-Col. C. R. Fryer.....	..	..	50	..	27·38	..	..
D Leiston (Lower Abbey)	Miss M. K. Rope.....	5	1 0	30	..	28·90	164	122
D Heveningham Hall	Hon. A. Vanneck	5	0 7	100	..	29·54	165	140
D Southwold	E. G. Naunton Esq.	8	1 0	−1	..	26·78	169	133
D Halesworth (Highfield)	Admiral F. E. Bruen, C.B. .	5	0 8	90	..	29·21	203	144
D Southwold (Quay House)	Miss P. Corns.....	5	1 1	30	..	26·76	205	159
D Halesworth Rectory	Rev. H. C. Newbery.....	5	1 0	50	..	28·16	184	135
d Wangford (Ford House)	The late Hon. Agnes Eden..	5	0 10	25	..	(27·96)	(173)	(123)
Wangford	F. W. Baker, Esq.	5	1 0	11	..	27·38	..	..
D Wrentham (Sotterley Hall)	M. E. St. J. Barne, Esq.....	5	0 10	60	..	25·49	177	124
4.—YARE & C. 208 sq. mi.								
D Horham Rectory	Rev. J. E. Soden.....	5	1 3	175	..	28·36	181	149
D BUNGAY (FLIXTON HALL)	Sir Shafto Adair, Bart	5	1 0	79	..	22·30	149	130
D LOWESTOFT (Secondary School)	The Town Clerk	5	1 0	82	23·5	24·45	169	125
D Lowestoft (Briar Clyffe)	H. Hollingsworth, Esq.....	5	0 7	..	..	25·22	180	125
Blundeston House	L. J. Peto, Esq.....	8	1 1	30	..	22·12	..	..
D Herringfleet House	G. H. Wyllys, Esq.....	5	1 0	55	..	26·93	203	144
D Lound Pumping Station	Lowestoft Water & Gas Co..	8	1 0	33	..	23·02	183	123
D Hopton (Hopton House)	C. S. Orde, Esq.	6	1 0	..	..	22·90	179	126
D Fritton Warren	Maj.-Gen. R. Upcher, D.S.O.	5	1 0	42	..	25·79	164	132
D Fritton Hall	Major A. R. Buxton.....	8	0 11	30	..	26·04	195	144
D Yarmouth (Burgh Hall)	H. P. Frederick, Esq.....	5	1 0	40	*24·4*	28·77	192	134
5.—OUSE. 378 sq. mi.								
d Newmarket (Sewage Outfall)	W. H. Elev, Esq., C.E.....	5	1 0	81	..	24·01	..	119
D Bury St. Edmunds (Westley H.)	Mrs. Burrell.....	5	1 0	226	25·1	28·06	160	139
d Bury St. Edmunds (Barton Lodge)	S. Cox, Esq.....	5	0 7	250	..	26·97	..	127
d Hengrave Hall	Sir John Wood, Bart.....	5	1 5	85	*23·1*	25·53	..	126
D Bury St. Edmunds (Troston Hall)	F. S. Beauford, Esq.....	5	1 0	130	..	26·17	182	126
d Mildenhall	H. R. W. Forster, Esq.....	5	1 3	50	..	22·55	..	117
Barningham (The Beeches)	Miss A. K. Lingwood.....	5	0 9	136	..	26·42	..	..
D Elveden Hall	The Earl of Iveagh, C.B.....	5	1 0	130	..	23·17	194	132

† Moved from Dale Hall, October, 1935.

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NORFOLK. (Area, 2,044 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—YARE. 658 sq. mi.								
D Diss (The Cedars)	Dr. H. M. Spiers	5	0 8	108	..	23·44	187	119
D Diss (Roydon Hall)	R. S. Copeman, Esq.*	..	..	..	..	25·08	180	135
D Pulham St. Mary (Brook House)	E. Beevor, Esq	5	1 0	120	..	26·71	198	139
D Pulham St. Mary (Hill House)	W. G. Rutter, Esq	5	1 0	120	24·7	28·09	217	149
d Ditchingham	W. G. Rutter, Esq	5	1 0	25	23·9	25·59	..	126
d Beccles (Raveningham Hall)	N. H. Bacon, Esq.	5	1 6	60	..	25·21	162	129
D Hapton Parsonage	Lt.-Col. H. C. Copeman	5	1 0	120	..	24·33	178	136
d Spooner Row (School)	Owen Potter, Esq.	5	1 0	160	..	26·79	..	144
D Lodden (Chedgrave Manor)	C. E. Dupuis, Esq	5	1 6	17	24·2	23·61	180	127
D Wymondham (Morley School)	T. E. Ormond, Esq	5	1 0	157	25·3	25·65	204	144
D Wymondham	J. B. Pomeroy, Esq	5	1 3	118	..	27·54	192	141
D Hingham	F. B. Law, Esq	5	1 0	193	25·1	24·54	178	130
D Ketteringham	Lt.-Col. R. F. Boileau	5	1 3	135	..	25·76	205	133
D Keswick Old Hall	E. Knight, Esq	5	1 0	90	26·4	26·09	208	135
D Gorleston (C. G. Station)	Station Officer (M.O.)	8	1 0	5	24·5	24·79	172	133
D Norwich (Carrow Abbey Gdns.)	The Misses Colman	5	1 0	40	25·2	26·01	199	137
D Norwich (Southwell Lodge)	J. H. Willis, Esq.	5	1 0	110	25·9	25·56	202	133
D Norwich (Heigham Cemetery)	L. Alan Jewell, Esq	5	1 2	37	25·5	25·44	180	128
D Thorpe St. Andrew (Pine Banks)	H. J. Jarrold, Esq	5	1 7	140	..	25·26	191	135
D Norwich (Marlingford Hall)	Major E. H. Evans-Lombe	5	1 0	50	26·9	28·92	177	155
D Norwich (Catton Hall)	D. G. Buxton, Esq.	5	1 0	100	..	24·51	181	130
D Sprowston (Oak Lodge)	A. Cozens Hardy, Esq.*	5	1 0	100	25·2	24·74	207	137
D Wendling (Astrantia)	Mrs. A. H. Turner		..	..	..	26·52	210	136
D Taverham (Deighton Hills)	T. B. Norgate, Esq.	5	1 0	100	..	24·30	186	130
D Swanton Morley Rectory	Rev. R. N. Usher	5	1 0	105	24·3	28·85	177	137
D Bylaugh Park	Mrs. Rice	5	1 0	..	24·8	28·01	185	142
D Swanington (Heath House)	P. Norgate, Esq	5	1 3	101	25·6	26·00	199	143
D East Bilney Hall	K. W. Hervey, Esq.*	5	1 0	140	26·6	25·58	152	131
D Cawston (The Poplars)	H. A. Wells, Esq.	5	0 8	148	26·6	26·49	192	135
2.—YARE—Bure & c. 368 sq. mi.								
D Acle	Miss Davie*	5	0 6	51	25·1	24·42	188	126
D Norwich (Sprowston, Church Farm)	Director, Norfolk Ag. Stn.	5	1 0	93	..	25·36	197	135
D Yarmouth (Ormesby St. Michael)	Gt. Yarmouth W.W. Co.	8	1 0	22	26·2	22·55	193	126
D Yarmouth (Scratby)	Harvey Palmer, Esq	5	1 0	70	..	21·73	190	129
D Coltishall Hall	Rev. H. Rogers.	5	1 6	25	25·5	25·48	186	138
D Wroxham (Hoveton House)	Mrs. I. C. Blofeld	5	1 0	100	..	25·27	188	137
D Buxton (Sunnymead)	W. S. Tillett, Esq.	8	1 0	50	..	26·18	207	137
d Hevingham (Rippon Hall)	Rev. A. F. Marsham*	5	0 7	90	..	26·53	..	138
D Aylsham (Woodgate Ho.)	Lt. Col. P. W. Purdy*	5	1 0	100	..	26·30	186	136
D Worstead (Lyngate Cottage) (+A)	Miss F. E. Hooper	8	1 6	50	26·5	24·87	186	129
d Hindolveston (School House)	The Headmaster	5	1 0	300	..	(26·47)	(192)	(137)
D North Walsham (The Paston Sch.)	Major P. Pickford	5	1 0	100	..	26·16	190	136
Mundesley	R. C. Gold, Esq.	5	1 0	150	..	24·89	178	121
D Cromer (Northrepps Hall)	Lt.-Col. C. R. Gurney	5	1 2	226	26·7	23·80	177	142
D Hanworth Rectory	Rev. Wilson W. White	5	0 10	95	..	26·27	200	145
3.—STIFFKEYS & C. 290 sq. mi.								
D Sandringham House Gardens	Mr. T. H. Cook	5	0 9	121	27·0	26·76	184	154
d Dersingham (The Homestead)	Dr. R. Telford Martin	5	0 5	47	..	(25·61)	(179)	(133)
D Thorpland Hall	Miss C. Lee Warner	5	1 0	157	..	24·61	195	131
D Syderstone (The Rectory)	Rev. B. D. Reed	5	1 0	210	..	23·81	175	129
D Snettisham (The Hollies)	Dr. P. G. E. Jolley	5	0 7	47	..	23·51	173	128
D Melton Constable Park	The Head Gardener	8	0 11	287	..	27·67	177	132
D Cromer (Howards Hill)	Clerk to the U.D.C.	8	1 0	178	23·8	25·99	192	133
d West Runton	Miss J. Vernon-Harcourt	5	1 5	113	..	24·38	..	127
D Holkham (Longlands)	Earl of Leicester, G.C.V.O.	5	0 5	200	..	24·07	181	132

* *Per* Norfolk Rainfall Organisation.

DIVISION IV—EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
NORFOLK—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—STIFFKEYS & C.—(*con.*)								
D Langham Episcopi	Lt.-Col. F. S. Butcher*	5	0 6	139	23·2	25·81	203	137
D Sheringham Hall	Miss E. Upcher	5	0 9	130	23·6	25·29	173	123
D Sheringham (Skelding)	F. Hall Smith, Esq.	5	1 0	70	..	26·45	175	136
Sheringham (Sheringham Ho.)	Rev. E. C. S. Upcher	5	1 6	150	..	24·86	172	136
d Wells (Holkham Hall)	Earl of Leicester, G.C.V.O.	5	0 3	43	23·1	24·19	..	..
D Hunstanton (Le Strange Arms H'l.)	C. Ernest Gray, Esq.	5	0 10	20	..	22·51	164	123
D§HUNSTANTON	The Advancement Assn.	5	1 1	105	..	21·78	182	122
4.—OUSE & C. 708 sq. mi.								
D Garboldisham Manor	Major E. W. Denny, D.S.O.	8	1 0	70	23·2	24·47	188	130
D Thetford (Kilverstone Hall)	Baron Fisher of Kilverstone	8	1 0	70	21·7	25·60	186	131
D Thetford Waterworks	C. W. Holmes, Esq.	8	1 0	165	23·8	25·45	198	134
d Attleborough (Quidenham Hall)	Earl of Albemarle	5	1 0	100	24·1	23·29	..	133
D THETFORD (LYNFORD NURSERY)	Forestry Commission	5	1 0	99	..	23·61	192	126
D Old Buckenham (The Grange)	W. D. Haughton, Esq.	5	1 1	180	..	26·76	189	129
D Hargham Hall	Sir H. R. Beevor, Bart. M.D.	5	0 3	100	24·9	25·52	190	106
D Methwold (Duchy of Lancs. Sch.)	The Headmaster	5	0 9	50	..	24·64	160	127
d Attleborough (Breccles Hall)	J. E. Fitt, Esq.	5	1 0	..	..	25·51	..	..
d Buckenham (Tofts Hall)	A. H. Abraham, Esq.	5	1 3	50	..	26·89	..	..
d Caston (Flaxmoor) *new g.*	Lt.-Col. T. S. N. Hardinge	5	1 0	150	..	25·48	(187)	(125)
Watton (Merton Hall)	Sir C. S. B. Rensham	5	1 0	153	..	26·09	..	..
D Watton	A. A. Gompertz, Esq.	5	1 0	200	25·7	28·28	187	139
D Great Cressingham	J. W. Montgomery, Esq.	5	1 2	90	..	24·84	189	133
D Downham (Dial House)	Messrs. T. H. Wenn & Co.	5	1 6	..	..	23·57	163	119
d Outwell (Well Creek Sluice)	Major R. G. Clark, C.E.	8	2 6	16	22·0	20·61	..	117
D Wimbotsham School	The Headmaster	5	1 0	43	..	23·79	183	120
D Swaffham (The Villa)	Mr. J. H. Mack	5	0 9	246	26·3	29·13	165	132
d Swaffham	Messrs. Vynne & Everett, Ltd.	5	2 7	210	..	27·36	..	..
D Little Dunham (Dunham Cott.)	Miss S. Blamire	5	1 0	319	27·2	29·34	170	139
D Wiggenhall (St. Germans Sluice)	Major R. G. Clark, C.E.	8	1 6	..	23·1	23·56	164	132
d East Winch (Holland House)	J. C. Cottam, Esq.	5	1 6	55	23·3	24·54	..	..
D TERRINGTON St. Clement (C. Sch.)	The Headmaster	5	0 8	15	..	22·69	162	121
D Gayton Waterworks	J. C. Matthew, Esq., C.E.	5	1 0	131	..	23·81	171	131
d King's Lynn (Manure Works)	J. S. Brown, Esq.	5	1 2	0	..	20·65	..	..
D Tittleshall	Capt. H. G. Buxton	5	1 6	285	26·8	27·49	177	137
D Grimston (School House)	J. R. Steward, Esq.	5	1 2	62	..	22·93	189	136
5.—NENE. 19 sq. mi.								
D Emneth (Inglethorpe Manor)	Miss R. Bland	5	1 0	6	22·4	20·76	161	121

DIVISION V—SOUTH-WESTERN COUNTIES.

WILTSHIRE. (Area, 1,375 sq. mi.)

1.—LOWER AVON. 386 sq. mi.								
D Warminster (Sturford Mead)	Rt. Hon. Visc. Weymouth	5	1 3	..	..	43·86	192	151
D Westbury (Wellhead)	The Waterworks Engineer	5	1 0	321	..	35·62	184	132
D Westbury (Braemar)	Mrs. F. D. Richards	5	1 0	250	..	38·12	186	140
D Market Lavington (Old House)	Miss A. Pleydell Bouverie	5	0 9	290	29·0	38·81	180	141
Gt. Cheverell (Timoleague)	Rev. H. S. Travers	5	0 6	360	..	36·69	..	..
D Easterton (Kestrals)	R. Lake, Esq.	5	1 0	370	..	39·53	173	139
D Trowbridge (Adcroft Boys' Sch.)	E. L. Bingham, Esq.	5	1 0	156	..	36·65	167	132
D Trowbridge (Town Hall)	The Engineer	8	1 2	131	..	36·82	186	144
d Bradford on Avon (Ilford Manor)	Major J. Michael Peto	5	1 1	101	..	(38·87)	(179)	150)
D Bradford on Avon (Winsley Manor)	E. W. Knatchbull, Esq.	5	0 8	400	29·9	41·29	186	144
D Bradford on Avon (Manvers Ho.)	Dr. C. E. S. Flemming	5	1 3	130	29·9	41·37	184	155
d Seend (Cleeve House) (R)	Lt.-Col. W. C. Heward Bell.	8	1 0	160	27·5	37·36	188	140
D Holt (The Retreat)	A. V. H. Beaven, Esq.	5	1 0	144	30·3	42·30	185	153
d Seend (Ferrum Towers)	Mrs. A. C. Haigh	..	..	..	..	37·25	..	126
d Devizes (Wilts Co. Mental Hosp.)	Dr. S. J. Cole	8	2 5	395	..	36·63	..	..
D Devizes (Broadleas)	W. H. L. Ewart, Esq.	5	1 7	400	..	36·53	190	140
d Rowdeford Gardens	Mrs. R. E. S. Thomas	5	2 0	..	..	36·61	..	137

* Per Norfolk Rainfall Organisation.
§ Turf wall set up Nov. 1931.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
WILTSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—LOWER AVON—(*con.*)								
D Great Chalfield	Major R. F. Fuller	5	1 2	165	28·6	42·57	180	154
D Little Chalfield	Miss C. E. Baker	5	1 0	180	..	41·78	198	156
D Bowood House	The Marquess of Lansdowne, K.G., P.C.	5	0 4	306	..	39·78	191	147
D Calne (Compton Bassett Gdns.)	L. F. Board, Esq.	5	0 10	384	30·7	38·66	163	144
D Chippenham (Monkton Park)	Lord Methuen	5	1 7	200	..	38·91	176	145
Chippenham (Kington Langley)	Mrs. Charles Garnett	8	1 0	172	30·3	37·57	..	..
D Grittleton	Lt.-Col. Sir A. D. Neeld, Bt., D.L., C.B.	..	..	..	..	39·78	173	128
D Wroughton (Basset Down Ho.)	Mrs. Arnold Forster	5	1 0	500	29·8	37·10	181	141
D Tockenham Manor	Major G. J. Buxton	5	1 0	400	..	33·65	175	139
W Luckington Court	Col. Sir E. Johnson-Ferguson, Bt.	5	0 8	400	30·2	36·78	..	..
D Sherston School	The Headmaster	5	1 0	375	..	38·05	180	144
D Malmesbury (Lea House)	Rev. H. Milnes-Walker	5	1 0	260	..	35·70	173	137
D Malmesbury (Easton Grey)	Mr. P. A. Day	5	1 0	355	31·6	38·92	186	157
2.—STOUR. 33 sq. mi.								
D Mere (Charnage)	A. R. White, Esq	5	1 0	426	33·8	35·03	207	146
D Stourhead	Sir H. H. A. Hoare, Bart.	5	1 0	583	38·1	43·81	203	162
D Kilmington Rectory	Rev. H. G. Fox Strangways*	5	1 0	710	39·8	46·47	232	177
3.—EAST AVON. 554 sq. mi.								
D Broad Chalk	Mrs. H. N. Burroughes	5	4 1	282	..	43·10	191	150
D Longford Castle Gardens	The Earl of Radnor	5	1 0	139	31·4	41·41	216	147
D Salisbury (Harnham)	E. F. Taunton, Esq., Junr.	5	1 0	200	..	41·08	204	153
D Salisbury (Folkestone Rd)	M. A. Chaplin, Esq.	5	0 8	180	..	41·43	174	144
D Tisbury (Lower Lawn House)	H. B. Cooper, Esq.	5	1 0	500	..	40·64	176	152
D Fonthill House Gardens	Hugh Morrison, Esq.	5	1 0	400	37·8	44·05	186	160
D Salisbury (Sewage wks.)	(+A) H. V. Overfield, Esq., C.E.	5	1 0	153	..	36·48	180	132
D Salisbury (Manor Road)	Miss L. C. D. Awdry	5	1 0	250	29·2	36·62	203	147
D Salisbury (Atherton House)	Wilfrid Fletcher, Esq.	5	1 0	250	30·4	37·83	189	139
d Salisbury (Newlands)	Dr. T. W. Newton Dunn	5	1 0	175	..	36·62	..	(133)
D Wilton (Stone Lodge)	Major B. W. Parker	5	1 6	175	..	39·16	184	126
D Stratford-sub-Castle (Manor Ho.)	Miss F. Carpenter	5	0 9	168	28·3	37·00	185	138
D Woodford Vicarage	Rev. M. I. Holme	5	0 10	200	..	38·22	216	147
D PORTON (W.D. Exp'l. Stn.)	(+A) Meteorological Officer	5	1 0	363	26·5	35·69	171	136
D Steeple Langford (Woodstock)	Miss A. J. Powell	5	1 0	257	..	35·59	189	138
D Maiden Bradley House	The Duke of Somerset	5	1 0	620	38·4	45·13	174	163
D Maiden Bradley	R. Luff, Esq.*	4	3 0	600	..	42·01	188	173
D AMESBURY (BOSCOMBE DOWN Aero.)	(+A) Meteorological Officer	8	1 0	417	..	35·94	179	132
D Heytesbury	Dr. Hammond T. Hinton	5	1 0	300	31·7	38·81	189	155
D Warminster (Henford)	Mrs. Robinson	5	1 8	400	..	42·08	184	161
D Warminster (St. John's Lodge)	D. Vesey, Esq.	5	1 6	400	..	39·52	176	150
D LARKHILL (School of Artillery)	(+A) Meteorological Officer	5	1 0	440	25·5	34·63	172	133
D Warminster (Smallbrook Ho.)	G. E. Vicary, Esq.	5	0 8	420	..	39·33	188	142
d Orcheston St. Mary	Mrs. Smith	5	0 9	285	..	35·82	..	134
D Tilshead (The Manor House)	C. A. Kempson, Esq.	5	1 0	355	..	35·78	184	132
d Marlborough (Wilcot Manor)	Lady Ernest St. Maur	5	1 0	400	..	37·14	..	133
D Bishops Cannings	A. J. Combes, Esq.	5	1 0	446	30·3	40·41	193	152
4.—TEST. 77 sq. mi.								
D Landford (Northlands)	Cedric R. Boult, Esq.	5	1 0	180	30·7	40·01	186	136
D West Grimstead	W. W. Wadsworth, Esq.	5	0 9	250	..	40·63	183	142
D Ludgershall (Conholt Park)	E. A. Wigan, Esq.	8	1 0	800	33·9	44·96	192	153
5.—THAMES—Kennet. 169 sq. mi.								
D Bishops Cannings (Shepherds Shore)	Devizes Gas & Water Dept.	8	2 1	564	..	38·92	180	141
D MARLBOROUGH College	The Headmaster	5	1 3	424	31·1	43·14	190	149
d Marlborough (Salisbury Road)	E. Kinder, Esq.	5	1 11	450	..	41·74	..	..
D Rockley Manor	Maj. E. Fitz-Herbert Wright	5	1 0	600	..	41·37	190	146
D Aldbourne (Manor House)	Capt. W. Brown, J.P.	5	1 0	435	..	39·07	184	148
D Aldbourne (Upham House)	Lady Currie	5	1 2	881	30·3	42·39	164	145

* *Per* Mid-Wessex Rainfall Association.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Rain-gauge Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
WILTSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
6.—THAMES—Cole & c. 156 sq. mi.								
D Chiseldon (The Manor House)	Mrs. Waugh	5	1 1	550	..	35·80	189	141
D Wroughton (Swindon W.W.)	J. B. L. Thompson, Esq., C.E.	5	1 2	448	..	35·95	172	138
D Chiseldon (Hodson House)	A. Ashford, Esq.	5	0 9	560	29·0	37·23	186	138
D Swindon (Volta Road)	H. Cook, Esq.	5	1 0	330	..	34·06	177	140
D Swindon (Town Gardens)	J. B. L. Thompson, Esq., C.E.	5	1 4	471	27·5	32·00	169	135
D Purton (Restrop House)	Col. A. Canning	5	1 3	444	27·7	32·57	165	138
D Fairford (Marston Hill)	Maj. R. Hamilton Stubber,..	5	0 10	350	..	34·80	163	143
DORSETSHIRE. (Area, 988 sq. mi.)								
1.—PARRETT. 61 sq. mi.								
D Evershott (Melbury House)	Mr. W. G. Lee	5	2 0	460	38·7	48·88	173	147
D Chedington Court	Sir Henry Peto, Bart	8	1 0	605	38·5	42·15	180	137
D Sherborne Castle	Mr. Edwin Hill	5	1 0	195	32·5	38·77	195	151
D Sherborne (Crendle Court)	A. Tyrwhitt Drake, Esq.	5	0 9	380	..	39·78	183	157
D Sherborne (Barton Gardens)	C. E. Bean, Esq., C.E.	8	1 0	285	..	35·33	180	142
Sherborne (Castleton)	Reading T. Grantham, Esq..	5	1 6	200	31·8	39·00	..	..
2.—AXE. 25 sq. mi.								
D Thorncombe (Greenhill)	Mrs. A. D. Wilde	5	0 9	575	..	46·01	176	156
D Forde Abbey	G. D. Roper, Esq.	5	0 10	200	37·7	44·45	161	136
3.—FROME & C. 502 sq. mi.								
D PORTLAND BILL (Lighthouse) *new g.*	Lightkeeper (M.O.)	8	1 0	32	25·2	35·06	174	141
d Portland (H.M. Naval Depot)	The Works Officer	8	1 0	25	..	38·21	..	..
D Weymouth (Lansdowne Villa)	Paym.-Capt. T. Seaman, R.N.	5	7 0	100	..	36·40	179	135
D WEYMOUTH (WESTHAM) (+A)	The Town Clerk	5	1 0	16	28·0	35·67	168	129
D Weymouth (Springfield)	Major J. H. C. Devenish...	5	1 3	96	27·9	35·54	185	136
D Chickerell (Montevideo)	Mrs. N. M. Richardson, O.B.E.	5	1 0	100	28·9	35·69	187	140
D Tyneham House	Mrs. W. H. Bond	8	1 0	255	32·8	42·34	173	138
D Steeple (Manor House)	Major F. H. Swann	5	0 8	231	34·8	43·69	190	153
D Creech Grange	J. W. G. Bond, Esq., C.B..	5	1 0	228	37·1	47·74	177	148
D Langton Herring (Higher Farm)*	E. A. Sparks, Esq.	5	2 0	180	..	36·04	192	142
D Winfrith Rectory	Rev. C. S. Pugh	5	3 0	200	..	44·83	197	138
D Abbotsbury (West Street)	J. C. P. White, Esq.	5	1 6	147	29·2	37·52	183	148
D Abbotsbury (Cotoneaster)	A. H. White, Esq.	5	1 0	157	..	37·58	188	144
D Abbotsbury (West End)	The Earl of Ilchester	8	1 0	..	..	38·11	180	147
D Upwey (Friar Waddon)	R. Davison, Esq.	5	1 0	215	..	38·26	192	142
D Upwey (Higher Well)	R. Davison, Esq.	8	1 0	289	..	42·83	197	143
D Wareham (East Holme)	Miss L. S. Bond	5	1 0	23	33·9	44·67	178	140
D Wareham (The King's Barrow)	Major R. Feilden	5	1 4	15	31·8	44·63	190	142
D Wareham (Binnegar Hall)	Mr. J. W. Hayward	5	1 0	65	33·8	43·77	178	137
D Wareham (Stockford)	W. Bond, Esq.	8	1 0	65	33·4	42·46	194	142
D Wareham (Trigon)	Mrs. L. Sturdy	8	1 4	60	32·1	40·94	183	126
D Dorchester (Littlemayne)	E. R. Sykes, Esq.	5	1 0	200	..	43·65	192	144
d Dorchester (Kingscote)	Mrs. H. M. Ffooks	5	1 0	226	38·3	(44·59)	(174)	(138)
D Dorchester Waterworks	H. D. Strange, Esq.	8	1 0	314	36·6	45·98	173	142
D Dorchester (Stinsford)	J. Wyndham Hull, Esq.	5	1 0	207	37·4	43·93	185	132
d Dorchester (Birkin House)	Col. W. H. F. Weber, C.M.G., D.S.O.	5	1 0	230	37·4	45·01	..	..
d Bradford (Peverell House)	H. F. Middleton, Esq.	5	1 0	370	..	47·89	..	..
D Puddletown (Clyffe Ho.) (A)	Maj. W. Van de Weyer	8	4 5	200	..	39·63	197	142
D POOLE (+A)	Medical Officer of Health...	5	1 0	18	..	39·48	184	131
D Poole (Pitwines Gasworks)	P. G. G. Moon, Esq.	8	1 0	8	..	38·51	172	129
D Poole (HOLTON HEATH R.N. Cordite Fac.)	The Superintendent .	8	1 0	64	..	43·27	184	136
D Parkstone (Balmoral Rd.)	Mrs. P. V. Hall	5	1 0	..	..	41·03	194	134
D Parkstone (Firgrove)	F. R. Wadman, Esq.	5	1 0	175	28·6	35·67	188	140
D Parkstone (Rosemead)	S. Hyla Greves, Esq.	5	1 0	172	..	41·66	186	136
d Parkstone (St. Osmund's Road)	A. D. Stables, Esq.	5	1 3	60	32·2	40·65	..	138
D Parkstone (The Laurels)	J. N. Blanchard, Esq.	5	1 2	115	..	39·80	184	138
D Branksome (Bourne Valley)	P. G. G. Moon, Esq.	8	1 3	84	30·0	38·37	172	132
D Branksome (Alderney Res.)	P. G. G. Moon, Esq.	8	1 3	213	..	42·79	189	141
D Broadstone (Sewage Works)	J. Bantten, Esq.	5	1 0	26	29·2	36·30	170	127
D Lyme Regis (Horn Bridge)	E. T. Stoward, Esq.	5	1 0	83	33·2	39·05	190	143
D Lyme Regis (Rotherfield)	Rev. E. J. Synge	5	1 0	145	34·3	39·59	208	133

* Moved February, 280 yds. E. from The Manor.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
DORSETSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—FROME & C.—(*con.*)								
D Lyme Regis (Overton)	C. Wanklyn, Esq.	5	0 10	400	30·9	37·43	211	146
d Bridport (Coneygar)	Bridport Waterworks Co.	5	1 0	110	32·9	35·27	..	..
D Bridport (Symondsbury)	P. G. Fry, Esq.	5	1 0	83	..	36·89	190	152
D Bridport (Ryall)	W. T. Bridges, Esq.	5	1 0	460	..	41·16	189	147
D Tolpuddle Parsonage	Mrs. Ashton Radcliffe	5	0 7	100	32·9	44·28	186	149
D Puddletown Vicarage	Rev. Canon A. L. Helps	5	4 6	200	35·8	46·47	185	146
D Bere Regis (Barrow Hill)	A. E. Lucas, Esq.	5	1 0	120	32·9	34·49	175	133
D Bere Regis (Bloxworth House)	F. G. A. Lane, Esq.	5	1 6	118	33·7	42·92	188	145
D Broadstone (Grange Road)	E. Nimmo, Esq.	5	1 0	160	..	42·38	194	142
D Wynford House	Lt.-Col. Lord Wynford, D.S.O.	5	1 0	410	43·5	51·96	214	168
D Netherbury (The Chantry)	Lt.-Col. H. L. Kitson	5	1 0	150	35·2	44·42	194	155
D Beaminster (Farrs)	The late Fiennes Trotman, Esq., Sen.	5	1 0	183	37·6	46·77	208	156
D Cerne Abbas (Long Street)	Capt. G. Jensen	5	1 0	375	..	50·79	193	159
D Minterne	Col. The Lord Digby, D.S.O.	5	1 0	800	..	43·76	197	153
D Evershot (Stickland's Sch.)	The Headmaster	5	0 10	550	..	54·27	204	164
4.—STOUR. 388 sq. mi.								
D Kinson (Eglinton)	W. C. Keevil, Esq.	5	1 6	45	..	43·56	173	142
D Lytchett Matravers (Kit Robins)	H. Blanchard, Esq.	5	1 0	300	..	43·08	188	140
d Kinson (Elmbrook)	C. E. M. Pinney, Esq.	5	..	..	..	(42·03)	..	..
D Wimborne (Merley House)	Capt. A. Hambro	5	1 2	350	..	45·53	164	142
D Wimborne (Corfe Mullen W.W.)	G. V. Sparrow, Esq., C.E.	5	1 0	81	32·9	41·92	172	139
d Wimborne (Corfe Mullen, For. Hill)	E. Philip Belben, Esq.	8	1 0	300	32·5	41·56	..	132
D Winterborne Whitchurch Vic.	Rev. H. H. Tilney Bassett	8	1 0	200	35·8	45·95	165	140
D Sturminster Marshall	F. Hewitt, Esq.	8	1 0	85	32·6	43·44	175	151
D Wimborne (Stapehill)	W. J. Marchant, Esq.	5	1 0	95	..	40·65	185	140
D Wimborne (Walsford Bridge P.S.)	P. G. G. Moon, Esq.	8	1 3	70	..	43·20	176	139
D Wimborne (Melbury Lodge)	Rev. W. S. Clarke	5	1 6	150	..	43·41	186	143
D Wimborne (Codford House)	G. H. Batterbury, Esq., M.D.	5	1 0	69	34·5	39·34	205	132
D Wimborne (Uplands)	E. Percy Sugden, Esq.	5	0 10	..	..	41·94	180	128
D Blandford (Whitecliff St.)†	E. Westcott, Esq.	5	1 0	152	..	44·82	189	139
D Blandford (King's Road)	D. Blanchard, Esq.	5	1 0	195	..	42·27	193	142
D Blandford (Bryanston Gdns.)	Mr. J. Jaques	5	1 0	185	..	45·05	186	161
D Blandford (Letton)	Brig.-Gen. B. F. B. Stuart, C.M.G.	8	1 8	230	..	40·80	186	141
D Glanville's Wootton (Manor Ho.)	H. B. Debenham, Esq.	5	0 9	350	35·2	41·02	194	150
D Holwell (Westrow House)	Miss H. B. Warry	5	1 0	252	34·4	39·01	185	150
D Wimborne St. Giles (St. Giles Ho.)	The Earl of Shaftesbury, K.P.	5	1 0	165	33·4	44·14	184	149
D Child Okeford Manor	J. H. L. Glasbrook, Esq.	5	1 0	250	..	42·10	182	147
D Iwerne Minster (Preston House)	Major H. W. Aston	5	1 0	220	33·2	40·16	180	147
D Iwerne Minster Vicarage	Rev. R. A. Bond	5	1 3	234	..	40·73	190	149
D Sturminster Newton	Louis Dawes, Esq.	5	1 0	225	..	39·21	192	151
D Iwerne Minster (West Lodge)	Lt.-Col. H. S. Woodhouse	5	1 1	600	..	44·73	200	161
D Fontmell Magna (Glebe Cottage)	Dr. J. Appleyard	5	1 0	300	..	37·11	169	136
D Marnhull	W. Gaye, Esq.	5	1 4	220	..	36·89	195	150
Pentridge (Cobley)	F. B. Eastwood, Esq.	5	1 0	500	..	41·79	..	..
D Cann	Miss G. A. Macdonell	5	1 0	600	..	35·37	184	142
D Fifehead Magdalen	H. Wells, Esq.	5	0 9	500	..	37·78	183	149
D Shaftesbury (C.E. School)	The Headmaster	5	1 0	722	32·5	33·02	165	150
D Bourton	H. H. Genge-Andrews, Esq.*	8	1 0	300	..	36·91	180	147
5.—EAST AVON. 12 sq. mi.								
SOUTH DEVONSHIRE. (Area, 1,707 sq. mi.)								
1.—PARRETT. 7 sq. mi.								
2.—TAMAR & C. 395 sq. mi.								
d Plymouth (Boveysand Lodge)	Rev. J. F. Case	5	1 6	75	34·1	37·40	..	144
D§Plymouth (Mt. Batten Aero.) (+A)	Meteorological Officer	8	1 0	82	..	37·90	188	146
D Plymouth (The Hoe) (+A)	The late H. Victor Prigg, Esq., C.E.	8	1 0	117	36·7	42·33	193	155
D Plymouth (Drake's Reservoir)	A. Atkinson, Esq. C.E.	5	1 0	149	37·5	35·43	182	145
D Plymouth (Freedom Pk.) (+A)	The late H. Victor Prigg, Esq., C.E.	8	1 0	208	39·4	42·41	200	163
D Devonport (Rowdens Res.)	A. Atkinson, Esq., C.E.	5	1 0	201	35·1	41·57	182	159
D Plymouth (Hartley Reservoir)	A. Atkinson, Esq., C.E.	5	1 0	321	39·9	48·63	202	167

* *Per* Mid-Wessex Rainfall Association. § Exposure not orthodox.
† Station formerly called Cliff St.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SOUTH DEVONSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—TAMAR & C.—(*con.*)								
D Bickley (Roborough Reservoir)	A. Atkinson, Esq., C.E.	5	1 0	548	46·2	54·76	223	172
D Lee Moor House	R. Martin, Esq.	8	1 0	900	62·4	69·66	221	200
D Roborough (Maristow Gdns.)	G. F. Hedger, Esq.	5	1 0	80	..	55·58	212	169
D Yelverton (Oakfield)	H. Edgcumbe, Esq.	5	1 0	535	51·8	61·85	220	188
D Sheepstor (Redstone)	A. Atkinson, Esq., C.E.	5	1 0	760	59·0	66·61	233	179
D Sheepstor (Burrator)	A. Atkinson, Esq., C.E.	5	1 0	755	59·1	61·67	234	186
D Sheepstor (Head Weir)	A. Atkinson, Esq., C.E.	5	1 0	720	57·0	65·49	235	182
D Dousland Reservoir	A. Atkinson, Esq., C.E.	5	1 0	721	51·8	57·75	224	179
M Dartmoor (Deancombe Farm)	A. Atkinson, Esq., C.E.	5	1 0	807	..	69·00	..	..
D Dartmoor (Lowery)	A. Atkinson, Esq., C.E.	5	1 0	899	..	61·06	233	182
M Dartmoor (Leather Tor Farm)	A. Atkinson, Esq., C.E.	5	1 0	910	59·0	65·70	..	..
M Dartmoor (Siward's Cross)	A. Atkinson, Esq., C.E.	5	1 0	1074	..	69·80	..	..
D Whitchurch (Grenofen)	H. Chichester, Esq.	5	1 2	325	46·1	55·20	221	185
D Whitchurch (Langstone)	F. J. R. Coleridge, Esq.	5	1 0	700	51·4	62·52	212	188
D Whitchurch (Holwell)	F. C. Radcliffe, Esq.	5	1 2	500	..	59·20	228	195
D Tavistock	W. J. Monk, Esq.	5	1 0	457	47·6	51·90	220	178
D Horrabridge (Furzetor)	Col. M. C. Collier	8	0 11	550	..	62·25	226	199
D Tavistock (The Library)	The Librarian	8	2 0	282	44·8	49·84	199	179
M Dartmoor (Double Waters)	A. Atkinson, Esq., C.E.	5	1 0	1165	64·2	64·10	..	..
M Dartmoor (N. Hessary Tor)	A. Atkinson, Esq., C.E.	5	1 0	1398	..	67·85	..	..
D Marv-Tavy (Blackdown)	H. K. G. Rogers, Esq.	5	1 0	855	..	63·84	223	194
d N. Brentor (Langstone)	H. Curtis Gallop, Esq.	5	0 8	800	..	53·59	..	177
D Coryton Manor	R. L. Newman, Esq.	5	1 2	450	43·5	49·51	210	176
D Lifton (Tulip Trees)	R. H. Arundell, Esq.	5	1 2	350	..	51·33	234	179
D Lew Down (Coombe Trenchard)	H. M. Sperling, Esq.	5	1 0	450	44·0	50·67	208	173
D Lydford (Naseby)	Col. H. E. Molesworth, C.M.G., D.S.O.	5	1 0	950	..	56·42	212	192
D Werrington Park	Mr. R. M. Gregory	5	4 8	600	..	47·06	216	183
D Ashwater (Barn Park Bungalow)†	Miss Jamieson	5	1 0	550	43·0	48·52	218	186
D Holsworthy (Bodmeyric)	W. J. Rogers, Esq.	5	0 11	476	..	47·15	226	189
3.—ERM & C. 217 sq. mi.								
D Salcombe (Fairhaven)	C. Shillitoe, Esq.	5	1 0	150	..	39·76	187	144
D Marlborough (Upalong)	Dr. A. Ward	5	1 4	365	..	44·02	181	152
D West Alvington	Rev. H. C. B. Lethbridge	5	1 0	180	..	44·41	195	164
d Kingsbridge	W. N. Patey, Esq.	5	1 6	150	..	44·32	..	..
D Stoke Fleming (Windward)	Miss E. L. Garrett	5	1 0	380	..	61·54	211	177
D Yealmpton (Torre)	Miss M. Wimbush	5	0 11	100	35·5	45·51	216	165
D Yealmpton (West Park)	D. M. Yonge, Esq.	5	1 3	150	..	46·82	192	168
D Loddiswell (Hazelwood Ho.)	Hon. Mrs. Peek	5	1 0	..	..	53·17	190	166
D Ermington (Strode)	Capt. H. Gore Hawker	5	1 0	75	41·4	50·62	208	176
D Ivybridge (Filham House)	H. Alger, Esq.	5	1 0	161	46·0	51·35	211	173
D Wrangaton (Plymouth M. Hos.)	The late H. V. Prigg, Esq., C.E.	5	1 0	607	54·2	49·81	192	167
D South Brent (Beechfield)	J. A. Kingwell, Esq.	5	1 0	500	61·0	69·82	209	177
D South Brent (Badworthy)	Miss D. B. Latham	5	1 2	550	64·4	74·48	207	188
South Brent (Didworthy San.)	The Medical Officer	5	1 0	675	..	69·59	185	164
D South Brent (Brent Moor)	W. E. Nicholls, Esq.	8	0 9	850	..	89·74	235	196
Cornwood (Yealm Head No. 5)	W. H. Thompson, Esq., C.E.	5	1 0	540	..	66·76	214	193
Cornwood (Yealm Head No. 1)	W. H. Thompson, Esq., C.E.	5	1 0	943	..	74·10	..	..
d S. Brent (Brentmoor House)	W. A. Pritchard, Esq.		..	1000	..	82·68	..	180
§Cornwood (Yealm Head No. 2)	W. H. Thompson, Esq., C.E.	5	1 0	1305	..	71·00	..	..
Cornwood (Yealm Head No. 4)	W. H. Thompson, Esq., C.E.	5	1 0	1415	..	75·63	..	..
§Cornwood (Yealm Head No. 3)	W. H. Thompson, Esq., C.E.	5	1 0	1416	..	69·34	..	..
4.—DART. 197 sq. mi.								
D Dartmouth (Ridge Hill)	Miss J. S. Campbell	5	1 0	120	40·3	47·53	192	159
d Dartmouth (Naval College)	The Curator, Science Lab.	8	1 0	220	..	49·99	..	..
D Churston Ferrers (Greenway)	Mrs. C. Williams	5	0 9	..	40·8	47·34	192	151
Brixham	Torbay Paint Co., Ltd.	8	0 10	164	..	40·01	..	..
D Brixham (Combe Bank)	Sir H. Clayton, Bt.	5	6 6	115	36·7	43·94	200	143
d Waddeton Court	Sir A. L. Goodson, Bart.	5	1 0	175	40·5	45·65	..	134
D Stoke Gabriel (Maisonette)	W. L. Collett, Esq.	5	1 0	100	42·8	50·16	185	158
d Totnes (Dundridge Gardens)	Mr. C. K. Pugsley	5	1 0	250	48·3	57·00	..	152

§ Gauge over-exposed on moor.
† Station formerly called Ashwater Rectory.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SOUTH DEVONSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—DART—(*con.*)								
D Paignton Vicarage	Rev. Preb. H. M. Drake	5	1 0	42	35·4	43·23	181	138
D Paignton (Victoria Park)	Town Council (C. Bellinger)	8	1 1	12	..	42·23	192	137
D Paignton (Claylands)	G. M. Rosling, Esq.	8	1 2	150	35·7	42·58	195	140
D Totnes (Walrond House)	W. J. Toope, Esq.	5	1 2	40	41·8	51·61	174	157
D Totnes (Dartington Hall)	J. B. E. Patterson, Esq.	5	1 0	175	..	47·17	189	150
D Totnes (Staverton)	J. A. Devenish, Esq.	5	0 11	50	..	45·23	171	145
D Broadhempston (Sneydhurst)	H. S. Burbury, Esq.	5	1 6	200	..	44·68	184	145
D Ipplepen Vicarage	Rev. R. D. Cooke	5	1 0	266	36·8	42·61	181	149
D Holne (Church Park Cottage)	L. W. Frost, Esq.	5	1 6	620	59·8	69·17	211	172
D Ashburton (West St.)	W. T. Hannaford, Esq.	5	1 0	250	..	54·57	204	166
D Dartmoor (Fox Tor)	E. Rowlands. Esq., C.E.	8	0 7	1160	..	79·60	231	200
D Dartmoor (Swincombe)	E. Rowlands, Esq., C.E.	8	0 7	1120	..	76·11	222	202
D Princetown (Huccaby House)	Lt.-Col. H. H. Joll, D.S.O.	5	1 0	900	54·6	64·89	224	185
D Princetown (Wydemeet)	Colin M. E. May, Esq.	5	1 0	900	58·2	70·16	222	190
D Princetown (H.M. Prison) .(+A)	The Governor	5	1 0	1430	81·9	83·11	230	208
W Dartmoor (Cowsic Valley) *new g.*	A. Atkinson, Esq., C.E.	5	1 0	1323	..	98·85	..	..
M Dartmoor (White Tor) *new g.*	A. Atkinson, Esq., C.E.	5	1 0	1439	..	81·60	..	..
M Dartmoor (Devil's Tor) *new g.*	A. Atkinson, Esq., C.E.	5	1 0	1570	..	80·55	..	..
M Dartmoor (Cowsic Head) *new g.*	A. Atkinson, Esq., C.E.	5	1 0	1465	..	85·60	..	..
5.—TEIGN. 209 sq. mi.								
D Torquay (Middle Lincombe Rd.)	Miss L. M. Brown	5	1 0	250	30·9	35·99	198	131
D Torquay (Marine Drive)	Lt.-Col. A. C. Edwards	5	1 0	190	..	37·72	179	141
D Torquay (Abbey Park)	The Corpn. (C. Bellinger)	5	1 0	27	33·0	38·14	184	139
d Torquay (Abbey Road)	Henry Brown, Esq	5	1 0	125	34·3	39·81	(190)	(142)
D Torquay (St. Marychurch)	Miss M. E. Coulson	5	1 0	300	..	38·42	210	152
D Bickington (Higher Goodstone)	Com. W. A. A. Bolitho, R.N.	5	1 0	400	..	50·39	191	159
D Newton Abbot (Seale Hayne Coll.)	The Principal	5	1 0	375	34·7	39·67	190	142
D Teignmouth (Woodlands)	The late S. B. Harris, Esq.	8	1 2	98	31·5	34·89	180	135
D Teignmouth (Den Gardens)	Medical Officer of Health	8	1 0	20	31·8	36·12	173	132
D Teignmouth (Hazledown Res.)	G. F. Rossiter, Esq.	8	1 0	425	32·4	38·67	194	152
D Teignmouth (Shaldon Res.)	G. F. Rossiter, Esq.	5	1 0	213	34·9	41·11	189	154
D Teignmouth (Landscore Res.)	G. F. Rossiter, Esq.	8	1 0	143	33·2	37·98	198	149
D Kingsteignton (Firleigh Rd.)	M. B. B. Heath, Esq.	6	1 0	130	..	37·71	176	131
D Ilsington (Heatherlands)	J. F. Caley, Esq.	5	1 0	1000	..	53·13	202	161
D Bovey Tracey (Whiddon)	G. F. Wright, Esq.	5	1 2	150	..	45·77	190	145
d Dawlish (Sports Field)	S. F. C. Churchward, Esq.	5	1 0	18	..	(33·65)	(164)	(129)
D Dawlish (Luscombe Castle)	Peter Hoare, Esq.	8	1 2	175	35·9	41·52	208	160
D Bovey Tracey (Hedgebarton)	W. K. Kitson, Esq.	5	1 6	1137	59·2	54·26	207	180
D Bovey Tracey (Edymead)	Rev. W. V. Vickers	5	1 9	200	..	46·00	179	141
Chudleigh (Scotleigh)	J. P. Hepburn, Esq.	5	1 3	280	..	36·94 ?	..	..
W Ashcombe (Thorns Reservoir)	S. F. C. Churchward, Esq.	5	1 0	515	36·4	41·74	..	..
D Hennock (Hazlewood)	R. P. Kitson, Esq.	5	1 0	650	..	44·56	199	169
D Lustleigh (Sun Hill)	Rev. H. Muir	5	0 10	650	..	44·13	193	162
D Moretonhampstead (Bullaton)	N. G. Elliot, Esq., C.E.	8	1 0	928	42·2	49·12	222	180
D Moretonhampstead (Mardon)	N. G. Elliot, Esq., C.E.	8	1 0	837	40·6	47·36	225	168
D North Bovey (Manor House)	Mr. J. T. Laurence	5	1 0	700	49·0	55·25	218	183
M Chagford (Hurston Ridge)	N. G. Elliot, Esq., C.E.	5	1 0	1350	..	72·73	..	..
M Chagford (Toms Hill)	N. G. Elliot, Esq., C.E.	5	1 6	1500	..	79·04	..	..
M Chagford (Whiteridge)	N. G. Elliot, Esq., C.E.	5	1 6	1650	..	83·29	..	..
M Chagford (Hemstone)	N. G. Elliot, Esq., C.E.	5	1 6	1350	..	84·62	..	..
D Christow (Kennick) No. 1	N. G. Elliot, Esq., C.E.	8	1 0	836	41·6	44·54	225	165
D Christow (Kennick) No. 2	N. G. Elliot, Esq., C.E.	8	1 0	850	..	45·43	226	168
D Chagford (Fernworthy)	N. G. Elliot, Esq., C.E.	5	1 0	1150	..	71·69	242	194
D Chagford (Metherall)	(+A)N. G. Elliot, Esq., C.E.	8	1 0	1150	..	66·06	242	197
M Chagford (Thornworthy Down)	N. G. Elliot, Esq., C.E.	5	1 6	1250	..	76·47	..	..
M Chagford (Crownhall)	N. G. Elliot, Esq., C.E.	5	1 6	1320	..	79·47	..	..
D Christow (Smithacott)	N. G. Elliot, Esq., C.E.	8	1 0	861	..	46·65	221	171
D Moretonhampstead (Hayne)	G. B. Davie, Esq.	5	1 0	600	..	47·40	212	161
M Moretonhampstead (Blackingstone)	N. G. Elliot, Esq., C.E.	8	1 0	1158	42·5	41·46	..	..
D Christow (Laployd)	N. G. Elliot, Esq., C.E.	5	1 6	1041	41·6	48·87	222	167
D Chagford (Thornworthy)	Miss W. H. Varwell	5	1 0	1175	59·6	69·88	225	197
D Chagford (Huish)	Col. P. Hart Dyke, D.S.O.	5	1 0	595	..	54·45	219	176

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SOUTH DEVONSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	6.—EXE. 445 sq. mi.								
D	EXMOUTH (Waterworks Road)	S. Hutton, Esq., C.E.	5	1 0	195	28·6	32·28	175	130
D	Exmouth (Filters, Salterton Rd.)	S. Hutton, Esq., C.E.	8	8 6	195	31·5	35·18	199	149
D	Exmouth (Littleham)	W. Malan, Esq.	5	0 7	155	..	34·31	201	145
D	Exmouth (Filters, Capel Lane)	S. Hutton, Esq., C.E.	5	8 0	240	30·3	34·67	204	141
D	Lympstone (Manor House)	Miss L. Shelden	5	0 11	54	30·8	34·54	204	143
D	Woodbury (Oakhayes)	E. S. Chattock, Esq.	5	1 0	200	..	35·17	173	145
d	Woodbury (South Croft)	Lt.-Col. T. C. Fraser	5	1 0	200	..	(33·38)	(171)	(133)
d	Topsham (Altamira)	Mrs. Wimbush	5	0 9	120	29·3	30·17	..	..
D	Exminster (Trood House)	Lt.-Col. T. L. Ormiston	5	1 11	75	..	37·23	198	142
D	Exeter (Hatfield, Longdown)	C. Holman, Esq.	5	0 10	450	33·8	37·27	182	143
d	Aylesbeare (Rosamondford)	A. T. Loram, Esq.	5	0 9	220	31·4	33·79	..	..
D	Exeter (Devon and Exeter Inst.)	The Librarian	5	13 7	155	30·5	34·99	181	155
	Exeter (The Close)	Rev. Canon D. McLaren	5	0 9	120	..	33·76	177	147
D	Exeter (Magdalen Rd.)	Major H. W. N. Shewell	5	1 6	110	..	36·01	184	144
D	Exeter (St. German's Lodge)	Rev. J. H. Hopkinson	5	1 0	350	..	36·61	192	157
D	Tedburn St. Mary Rectory	Rev. H. Rusbridger	5	0 10	400	32·7	37·74	219	198
d	Rockbeare Manor	Lt.-Col. H. Spencer Follett	5	0 10	180	30·9	33·52	..	140
D	Cheriton Bishop (Medland Manor)	Lady Lennard	5	0 7	550	..	34·17	199	160
D	Brampford Speke	E. E. Stevens, Esq.	5	1 0	170	..	35·35	188	156
D	Crediton (U.D.C.)	The Surveyor	5	1 3	198	..	35·62	180	149
	Crediton (Haywards School)	C. Luxton, Esq.	5	0 9	200	..	35·20	..	..
D	Crediton (Kinross)	W. L. Thomson, Esq., B.Sc.	5	1 0	300	..	34·37	197	155
D	Silverton (KILLERTON)	Rt. Hon. Sir F. Dyke Acland, Bt., P.C.	5	1 0	159	..	36·51	198	153
D	Thorverton (School House)	The Headmaster	5	1 0	194	..	38·42	203	158
D	Silverton	G. B. Savery, Esq.	5	1 0	260	..	36·65	215	163
D	Crediton (Okefield)	Seymour F. Pope, Esq.	5	1 0	325	32·2	35·90	218	161
D	Copplestone (Copplestone House)	Miss M. Pope	5	0 11	315	34·1	39·56	211	167
D	Bradninch (Dunmore House)	Miss H. R. Hepburn	5	1 0	300	33·7	38·01	197	161
D	CULLOMPTON	Murray T. Foster, Esq.	5	1 0	202	35·3	39·24	215	161
D	Cullompton Court	Dr. E. S. Cardell	5	1 0	200	..	37·90	210	158
D	Kentisbeare	A. E. Painter, Esq.	5	1 0	304	37·1	36·47	199	147
D	Tiverton (St. Aubyn's Park)	F. C. Fox Strangways, Esq.	5	1 0	394	38·4	41·70	217	163
D	Tiverton (Halberton)	Miss M. G. Izat	5	0 6	240	40·8	49·10	216	164
D	Tiverton (Blundell's School)	E. G. Peirce, Esq.	5	1 6	270	..	41·18	201	159
d	Hemyock Place	N. J. Hitchings, Esq.	5	3 0	835	36·2	42·18	..	156
D	Tiverton (Washfield Rectory)	Rev. A. Ellison	5	1 0	500	..	46·42	215	174
D	Bampton (Stuckeridge)	Brig.-Gen. J. C. Livingstone Learmonth	5	1 3	750	39·0	43·97	191	170
D	Bampton (Oakford)	Miss M. E. Tedder	5	1 0	650	..	47·53	210	177
D	Bampton (Castle Grove)	Major B. M. Read	5	1 4	272	41·9	45·07	198	170
D	Morebath Manor	C. H. W. Malet, Esq.	5	1 0	400	..	49·11	228	178
	7.—AXE & C. 237 sq. mi.								
D	Budleigh Salterton (West Ways)	J. Hartree, Esq.	5	1 0	140	..	34·93	161	141
D	Budleigh Salterton (Braywick)	E. Fisher, Esq.	5	1 0	110	..	34·30	179	140
D	Budleigh Salterton (Tidwell Ho.)	Mrs. J. H. F. Foster	5	1 0	100	..	31·32	179	138
D	Budleigh Salterton (Knowle Ho.)	Mrs. Pepys	5	1 2	230	..	34·37	168	150
	Budleigh Salterton (Squabmoor)	S. Hutton, Esq., C.E.	5	1 0	267	31·9	34·04	..	..
	East Budleigh (Bicton Common)	S. Hutton, Esq., C.E.	5	1 0	300	32·2	34·37	..	..
D	East Budleigh (Bicton Gardens)	The Head Gardener	5	1 0	90	31·4	34·09	180	138
D	Salcombe Regis (Steephill)	Burleigh D. Kilburn, Esq.	5	1 0	150	..	35·89	179	142
D	SIDMOUTH (U.D.C.)	The Borough Surveyor	5	1 0	25	..	34·61	177	137
D	Sidmouth (Loretto)	S. Horsley, Esq.	5	1 6	125	..	35·39	175	137
d	Sidmouth (Winslade Cottage)	Miss G. Collins, M.B.E.	5	1 0	145	34·1	37·04	..	..
D	Sidmouth (Somerton Lodge)	Dr. C. Woodhouse	5	1 0	60	..	35·12	177	140
D	SEATON (Seafield)	U.D.C. (Lt.-Col. H. Anderson Neville)	5	1 0	43	..	39·52	205	151
D	Seaton (Bunt's Hill)	Dr. R. H. Norman	5	0 10	200	..	37·88	191	146
D	Seaton (Withylake)	T. F. Tracy, Esq.	5	1 0	200	..	39·09	197	148
D	Lyme Regis (Pinhay)	Mr. W. F. Shillabeer	5	1 11	465	34·9	38·93	197	150
d	Ottery St. Mary (Heathlands)	Rev. T. H. Fitzpatrick	5	1 4	300	..	37·07	..	..
D	Ottery St.Mary (Broad Oak)	Miss Tallant	5	1 2	300	..	38·56	200	153
D	Ottery St. Mary (Little Close)	P. M. Miller, Esq.	5	0 9	250	..	38·44	190	153
D	Ottery St. Mary (West Hill)	B. Stansbury, Esq.	5	1 6	340	34·2	39·37	212	159
d	Ottery St. Mary (Elsdon)	T. H. Leathart, Esq.	5	0 11	340	..	38·57	..	..
D	Ottery St. Mary (Broad Street)	The late H. D. Badcock, Esq.	5	1 0	170	36·3	39·87	193	154

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SOUTH DEVONSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	7.—AXE & C.—(*con.*)								
D	Axminster (Lea Combe House)	Major A. C. F. Luttrell	5	1 6	180	38·4	44·36	177	155
L	Honiton (Feniton Court)	Col. A. D. Acland, C.B.E.	8	1 0	235	36·4	39·71	202	157
	Honiton (Beech Grove)	Mrs. M. Baker	5	0 10	340	38·0	42·12	..	380
D	Membury (Yarty House)	Major W. H. Wilkin	5	1 0	245	..	38·84	203	149
D	Honiton (Allington)	Mrs. J. W. Saunders	8	1 6	450	..	41·18	194	158
D	Stockland (Post Office)	James Clarke, Esq.	5	3 0	350	40·5	48·80	194	149
	NORTH DEVONSHIRE. (Area, 898 sq. mi.)								
	1.—NORTH COAST STREAMS. 77 sq. mi.								
D	Croyde (Baggy Point)	Miss C. M. Hyde	5	1 0	35	..	33·70	191	154
D	Ilfracombe (Reservoir)	A. J. Westaway, Esq.	5	1 0	395	46·2	48·68	209	177
D	Combe Martin Rectory	Rev. R. Seymour	5	0 6	120	..	57·56	218	180
D	Ilfracombe (Langleigh)	H. B. Holland, Esq.	5	1 0	127	41·8	42·06	203	164
D	ILFRACOMBE (Bowling Green)	A. J. Westaway, Esq.	5	1 0	25	..	42·49	195	155
	2.—TAW. 442 sq. mi.								
	Spreyton (Lynderies)	Lt.-Col. J. Simpson	5	1 0	660	36·9	39·79	..	..
d	Witheridge	Rev. J. A. S. Castlehow	5	1 0	600	39·5	42·02	213	178
	Chittlehamholt	Rev. H. Carter	5	1 0	420	..	43·54	183	..
d	East Anstey Rectory	Rev. J. S. Payne	5	0 9	750	..	49·80	..	..
D	East Anstey (Rhyll Manor)	Mrs. E. L. Hancock	5	1 0	850	..	54·39	211	193
D	Filleigh (Castle Hill Gardens)	The Countess Fortescue	5	1 0	317	43·1	50·90	208	185
	Tawstock Court (R)	Sir Basil Peto, Bart.	8	0 8	150	39·7	44·49	..	..
D	West Buckland School	A. F. E. Cotton, Esq., B.A.	5	0 9	640	..	52·22	206	180
D	BARNSTAPLE (N. Dev. Athenæum)	The Librarian	8	1 0	25	36·6	40·89	249	170
D	Barnstaple (Fort Hill)	Miss M. A. Sterry	5	1 0	197	38·3	43·75	222	174
D	High Bray Rectory	Rev. C. F. Ford	5	1 1	750	..	60·50	222	194
D	Barnstaple (Westaway)	Major O. L. Trechmann	5	1 0	140	39·1	44·20	211	179
	Goodleigh (Willesleigh House)	Lt.-Col. Montague H. Hall	5	1 0	375	40·0	45·29	205	184
D	Goodleigh (Gunn Cottage)	Major H. Sandford Claye	5	1 0	720	43·4	49·40	222	195
D	Braunton	A. J. Besly, Esq.	5	1 0	145	33·5	40·97	198	164
D	ARLINGTON Court	Miss Chichester	5	1 0	613	53·8	57·51	224	190
D	Challacombe	A. J. Westaway, Esq.	5	1 0	815	62·2	70·93	230	193
D	Georgeham (Spreacombe Manor)	A. Leigh Barker, Esq.	5	0 9	340	38·1	39·53	211	170
D	Kentisbury	Noel Irwin, Esq. †	5	1 0	557	..	57·20	227	177
	3.—TORRIDGE. 342 sq. mi.								
	Dartmoor (Cranmere Pool)	S. R. Harry, Esq., for M.O.	5	1 0	1845	..	84·50	..	..
	Dartmoor (Newbridge)	S. R. Harry, Esq., for M.O.	5	1 0	1500	..	69·30?	..	..
D	Okehampton (Uplands)	E. P. Burd, Esq.	5	1 0	700	51·4	61·14	221	189
D	Okehampton (Grammar Sch.)	Wm. Hunter, Esq.	5	1 0	500	..	51·52	221	175
d	Monkokehampton	Rev. R. Y. Holmes	5	0 6	245	..	38·92	199	166
D	Torrington (Enfield)	G. M. Doe, Esq.	5	1 0	337	39·3	39·91	201	166
D	Parkham (Melbury Moor)	A. C. Harding, Esq.	5	1 0	630	50·2	58·02	215	184
D	Parkham (Melbury Reservoir)	A. C. Harding, Esq.	5	1 0	517	52·8	61·58	216	191
D	Buckland Brewer (The Cottage)	Miss B. G. Rogers	5	0 11	469	45·0	48·08	228	187
D	Littleham (Orleigh Court)	W. H. Rogers, Esq.	5	1 0	260	48·0	45·51	208	180
D	Bideford (Jennett's Res.)	Borough Surveyor	5	1 0	62	..	40·19	207	166
D	Bideford (Gammaton Res.)	Borough Surveyor	5	1 0	350	..	36·95	194	163
D	Bideford (Webbery)	Mrs. C. E. Boyd	5	1 0	355	37·7	41·40	211	164
D	Westleigh (Council School)	The Headmaster	5	1 0	170	35·6	37·00	199	164
D	Northam (Chope Barton)	Rev. H. G. deC. Stevens-Guille	5	1 0	180	..	39·97	221	170
D	Westward Ho! (Royal Golf Club)	Major A. Newton-King	5	1 6	10	32·3	37·01	190	166
	4.—WEST COAST STREAMS. 32 sq. mi.								
D	Hartland (Fosfelle)	R. P. Chope, Esq., B.A., J.P.	5	1 0	480	46·0	49·74	210	179
	5.—EXE. 5 sq. mi.								
	CORNWALL. (Area, 1,363 sq. mi.)								
	1.—CAMEL & N.W. COAST STREAMS. 458 sq. mi.								
	Crowan (Boswyn Res.)	Camborne Water Co.*	..	..	511	47·6	44·72	205	172
D	Lelant	Mrs. Tyringham	5	1 3	50	44·4	41·41	204	158
D	Hayle (Gwythian Road)	Caldwell Harpur, Esq.	5	0 10	98	40·1	36·84	220	158

† For Royal Meteorological Society. * *Per* Cornwall Rainfall Association.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
CORNWALL—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1—CAMEL & N.W. COAST STREAMS—(*con.*)								
D St. Ives (Halsetown Vicarage)	Rev. T. C. F. Barfett	5	1 0	328	..	40·41	218	161
D St. Ives (Cemetery)	The Borough Surveyor	5	1 1	124	..	38·88	193	146
Camborne	Miss I. Osborne	5	1 2	402	44·1	41·74	..	143
D Camborne (Uplands)	H. G. Rix, Esq.	5	1 0	210	40·8	38·75	218	154
St. Ives (Liscoruah)	Col. J. M. Findlay, D.S.O.*	5	0 9	300	47·3	39·65	..	..
D Redruth (Trewirgie)	A. P. Jenkin, Esq., J.P.	5	1 0	397	45·3	45·05	220	172
M Redruth (Green Lane Nurseries)	F. Sanders, Esq.	5	1 0	270	*41·2*	43·72	..	..
D St. Agnes (Church Town) *new g.*	Dr. W. C. Whitworth	5	1 0	318	..	39·77	215	166
Newquay (Reservoir)	C. C. Vigurs, Esq., B.A., M.D.	5	1 0	114	33·4	36·53	..	..
D Newquay (MountWise) No. 1	The U.D.C. (C. C. Vigurs, B.A., M.D.)	5	1 0	190	33·2	36·15	209	161
D Bodmin (Castle Hill House)	Mrs. Leslie	5	0 8	484	49·4	48·64	246	216
D St. Mawgan (Trenance)	Trenance Ltd.	5	1 6	250	..	37·12	195	158
D Helland (Tredethy)	Capt. G. Wilson, R.N.	5	0 6	440	42·7	46·48	214	180
D Little Petherick (St. Petroc Minor)	Miss A. T. Skilbeck	5	1 2	150	32·0	36·84	240	158
Wadebridge (Bryn)	Mrs. K. D. Beare	5	1 6	50	38·7	(36·12)	..	..
d Wadebridge (Trewornan)	Brig.-Gen. L. J. Hext, C.M.G.	5	1 0	30	36·0	(38·10)	(204)	(154)
D Trevone (Pentonwarra)	W. M. Lindley, Esq.	5	1 0	25	..	33·82	208	153
D St. Kew (Skisdon)	Mrs. Braddon	5	1 0	100	40·3	46·69	229	183
D St. Minver (Trebetherick)	A. T. Roseveare, Esq.	8	1 0	70	32·0	35·96	209	163
St. Minver (Lundy Bay)	W. Poynter Adams, Esq.	5	1 0	240	..	39·24	..	..
D Camelford (Stannon Clay Wks.)	English China Clays, Ltd.	8	1 6	900	54·8	60·70	239	201
d Delabole	Delabole Slate Co., Ltd.	5	0 9	620	..	50·10	..	..
D Bude (School House)	Clerk to the U.D.C.	5	1 0	50	33·4	36·20	184	156
Bude (Trelana)	G. A. C. Thynne, Esq.	5	2 0	200	32·7	36·66	..	..
D Kilkhampton	J. E. Heasman, Esq.	5	5 0	500	..	46·97	208	172
2.—FOWEY & S.E. COAST STREAMS. 620 sq. mi.								
D The Lizard (C. Guard Stn.)	Station Officer (M.O.)	8	1 0	240	..	34·31	197	153
M Lizard (Tregullas House)	A. P. Jenkin, Esq.	5	1 0	244	35·2	36·27	..	..
D Ruan Minor	Miss H. F. Shepherd	5	1 0	210	36·0	35·26	205	159
Mullion (Council School)	E. J. Perry, Esq.	5	1 1	206	37·4	37·69	196	163
D Mullion	H. H. Penrose, Esq.	5	0 10	178	35·3	38·38	186	155
D Porthcurno	Eastern Telegraph Co.	5	1 0	150	36·2	35·15	220	155
St. Keverne (Lanarth)	The late P. D. Williams, Esq.	5	1 3	310	43·7	44·26	211	175
D Bosahan (St. Martin-in-Meneage)	Hon. Mrs. Colborne Vivian	5	1 3	180	..	43·98	193	178
Porthleven	J. J. Emmott, Esq.	5	1 0	100	..	35·80	206	162
D Helston (Tenderah)	The late J. W. Tyacke, Esq.	5	1 7	220	42·0	42·09	217	176
Germoe	S. E. Biddick, Esq.	5	1 0	220	..	40·34	..	..
Sithney (Council Sch.)	R. Trend, Esq.	5	0 10	296	41·2	42·55	..	..
D Constantine (Pons-a-Verran)	A. Mayne ,Esq.	8	1 0	60	39·6	42·89	236	173
D Penzance (Trewidden)	Mrs. C. Williams	5	1 0	275	43·2	45·46	201	175
d St. Michael's Mount	Lord St. Levan	..	..	50	..	34·20	..	141
D Penzance (Morrab Gardens)	The Town Clerk	5	1 0	55	40·9	40·95	212	160
D Penzance (Trengwainton House)	Lt.-Col. E. H. W. Bolitho	8	0 11	400	46·4	44·27	214	170
D Gulval (Experimental Stn.)	Cornwall County Council	5	1 0	20	41·5	40·57	202	162
D Wendron (Ninemaidens)	W. E. Benney, Esq.	5	0 10	700	..	52·05	210	174
D Falmouth (Observatory) +(A)	The Supt. for Roy. Cornwall Poly. Soc.	5	1 0	167	43·6	42·92	205	159
D Falmouth (Trefusis)	Lt.-Col. The Hon. H. W. F. Trefusis.	5	1 3	200	39·5	38·73	214	154
d Halwin (Council Sch.)	F. P. Jenkin, Esq	5	1 6	540	..	39·51	..	..
D Penryn (Ashfield)	J. G. Stephens, Esq.	5	1 0	95	42·2	43·95	221	155
Penryn (Roskrow)	Mrs. E. Stephen*	..	..	550	49·8	44·05	210	180
D Devoran (Devoran House)	Rev. A. S. Rashleigh	5	1 0	50	..	43·90	216	164
D Gwennap (Trevince)	C. H. Beauchamp, Esq.	12	1 0	240	45·5	48·21	219	173
D St. Day (Council School)	R. R. Blewett, Esq.	5	0 9	390	49·2	44·13	235	176
Tregoney (Trewarthenick)	P. A. Welman, Esq.*	6	0 10	200	..	43·00	..	..
D Truro (Tregolls)	Miss C. L. Rashleigh	5	1 0	65	41·6	43·49	224	157
D Truro W.W. (Lower Tregurrow)	W. J. Lean, Esq.	5	1 0	71	42·2	43·36	205	174
D Mevagissey	C. Metcalfe, Esq.	5	1 0	100	42·3	45·58	221	174
D Tresillian	Chas. Nicholson, Esq.	5	0 10	50	..	40·51	207	166
D Polperro	Mrs. F. H. Perry Coste	5	1 0	100	*39·2*	40·30	247	168
D† Fowey	Town Clerk	5	1 0	51	..	37·62	207	178
D St. Austell (Trevarna)	W. M. Coode, Esq.	5	1 0	300	45·8	50·40	220	185

* *Per* Cornwall Rainfall Association. † Unorthodox exposure.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

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	CORNWALL—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—FOWEY & S.E. COAST STREAMS—(*con.*)								
D	East Looe	W. D. Clague, Esq.	5	1 0	50	..	42·88	196	158
D	Downderry (The Watch House)	Mrs. Sneyd	5	1 0	100	..	36·81	181	164
D	Looe (Morval)	Capt. A. H. Tremayne, R.N.	5	1 0	150	46·1	48·20	199	168
D	Lostwithiel (The Terrace)	R. Pease, Esq.	5	1 0	110	49·2	50·42	217	185
D	St. Keyne (Locrenton)	Rear-Admi. R. Wykes-Sneyd	5	0 10	250	..	52·00	219	176
D	Menheniot (Coldrenick)	Rev. F. E. Trelawny	5	1 0	301	47·1	47·87	173	160
D	Liskeard (Penmilder)	Miss D. P. Foster	5	1 0	250	..	50·85	207	174
D	Liskeard (Treventon)	E. R. Foster, Esq.	5	1 0	360	..	51·17	220	187
	St. Cleer (Tregarrie)	Col. J. D. A. Roberts	5	1 6	800	49·4	56·00	..	..
D	Bolventor Vicarage	Rev. S. J. Pethick	5	1 0	845	67·6	66·24	228	201
	3.—TAMAR & C. 279 sq. mi.								
D	Devonport (Empacombe)	Miss M. C. Algate	5	2 6	20	36·8	46·07	209	166
D	Devonport (Cremyll)	S. B. Wilcox, Esq.	5	1 4	25	36·3	42·31	199	158
D	Torpoint (Trethill House)	Col. J. D. A. Roberts	5	1 6	200	34·5	39·93	194	148
	Torpoint (Wilcove)	G. P. Jenkin, Esq.*	..	..	40	39·1	46·52	..	..
D‡	St. Mellion (Ellbridge Exp. Stn.)	The Horticultural Supt.	5	1 0	200	..	47·98	201	165
D	St. Mellion (Pentillie Castle)	The Head Gardener	5	1 0	150	..	52·71	215	161
D	Gunnislake (Drakewalls)	J. D. Woolcock, Esq.*	5	1 0	573	..	55·49	210	189
d	Stoke Climsland School	T. Oates, Esq.	5	1 0	458	..	51·15	..	..
D	Launceston (North Hill)	Miss M. E. Hale	5	1 0	475	..	60·96	233	156
D	Launceston (Landue)	Miss S. E. Tregoning	5	0 11	225	42·5	44·41	226	175
D	Launceston (Hexworthy)	R. B. Rogers, Esq.	5	1 0	270	42·1	44·57	225	170
D	Launceston (Pendruccombe)	Mrs. H. W. Suttie	5	1 0	469	..	44·01	210	167
	Egloskerry (Tregeare)	Mrs. Lethbridge*	5	1 6	513	43·1	49·24	..	..
D	North Tamerton (Davies)	W. S. Bray, Esq.	5	4 1	390	..	47·18	214	186
	4.—INSULAR.—Isles of Scilly. 6 sq. mi.								
D	St. Mary's (C. Guard Stn.)	Station Officer (M.O.)	8	1 0	163	31·9	30·29	211	142
D	Tresco Abbey	Maj. A. A. Dorrien Smith, D.S.O.	5	1 0	40	33·4	31·57	213	145
	SOMERSETSHIRE. (Area, 1630 sq. mi.)								
	1.—LOWER AVON. 300 sq. mi.								
D	Wanstrow (The Manor Cottage)	P. E. B. Warburton, Esq.	5	1 0	465	37·7	43·75	181	151
D	Shepton Mallet (Pondsmead)	R. A. Hobhouse, Esq.	8	1 0	710	44·9	50·56	215	168
D	Frome W. W. (Egford)	L. Slaughter, Esq.	8	2 0	270	35·8	41·39	194	152
D	Frome (Selwood School)	Miss E. M. Coombs	5	1 9	320	33·9	38·84	193	149
D	Mells (Selwood)	Miss E. G. Horner	5	1 0	344	37·2	44·45	201	164
D	Binegar (Gurneyslade)	Rev. B. S. Rawlinson	5	1 0	588	43·3	50·61	190	161
D	Stratton-on-Fosse (Downside Ab.)	Rev. B. S. Rawlinson	8	1 0	600	41·5	47·29	201	162
D	Orchardleigh Park	Major A. C. Duckworth	8	1 0	320	32·8	42·03	189	147
D	Lullington	H. G. Chislett, Esq.	5	1 0	200	..	36·58	187	159
D	Chilcompton (The Woodlands)	C. H. M. Thring, Esq.	5	0 10	450	..	46·06	213	158
D	Chewton Mendip (The Priory)	The Lord Chewton	5	1 0	550	..	45·98	192	155
w	East Harptree (Pitt Farm)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	50·46	..	..
D	Midsomer Norton (Dymboro)	Dr. A. Bulleid	5	1 0	350	35·8	40·92	176	136
d	Midsomer Norton (C.E. School)	J. Poyner, Esq.	5	2 6	310	..	(47·24)	(186)	(144)
D	Radstock	H. Finister, Esq.	8	2 2	229	..	36·57	172	144
D	Litton (Sherborne Res.)	A. M. Paterson, Esq., C.E.	5	1 0	340	40·0	46·15	190	161
w	Harptree Hill	A. M. Paterson, Esq., C.E.	5	1 0	784	..	46·66	..	..
w	East Harptree (Harptree Court)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	45·39	..	..
d	Tellisford (Crabb Hall)	Dr. W. C. Everley Taylor	5	0 6	182	..	36·33	(172)	(144)
D	Hinton Blewett Manor	Maurice Church, Esq.	5	1 0	500	39·6	45·05	207	160
w	North Widcombe	A. M. Paterson, Esq., C.E.	5	1 0	..	..	42·20	..	..
w	Chew Stoke (Heron's Green)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	41·51	..	..
D	Pensford (Sutton Court)	The late Lord Strachie	8	1 0	280	37·7	45·41	204	143
D	Midford (Court Essington)	E. H. Atchley, Esq.	5	2 6	450	..	38·64	194	159
D	Midford (Pumping Station)	Combe Down W.W. Co., Ltd.	5	1 0	135	..	39·57	190	151
d	Monkton Combe (Crossways)	M. J. Lipscomb, Esq.	5	1 0	210	33·2	39·49	..	139
d	Chew Stoke (Walley Court)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	42·93	..	..
D	Pensford (Hunstrete House)	H. Leyborne Popham, Esq.	5	0 9	400	33·7	41·63	195	153
w	Ridgehill	A. M. Paterson, Esq., C.E.	5	1 0	..	..	43·20	..	..
D	Chew Magna	A. M. Paterson, Esq., C.E.	5	1 0	180	36·3	43·14	190	148

‡ Turf Wall erected Oct. 1932. * *Per* Cornwall Rainfall Association.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Rain-gauge: Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
SOMERSETSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—LOWER AVON—(*con.*)								
D Pensford (Publow School Ho.)	A. Hayes, Esq.	5	1 0	230	33·2	44·09	193	158
w Winford (Upper Littleton)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	44·35	..	..
D Bath (Henrietta Park)	Medical Officer of Health	5	1 0	67	30·3	39·72	185	152
D Bath (Monkton Combe)	W. G. Lock, Esq.	5	1 0	450	30·3	40·15	219	169
D Bath (Combe Lodge)	Major T. H. Clark	5	1 0	520	31·4	38·21	174	143
D Bath (Statutory Hospital)	Bath Corporation	5	1 0	520	32·8	37·54	180	146
D Bath (Claverton Lodge)	G. Lipscomb, Esq.	5	1 3	375	29·1	37·74	189	149
D Bath (Lansdown Place)	Lady Stothert	5	1 2	450	31·5	40·49	188	153
d Bath (Lambridge House)	C. Standen Paine, Esq.	5	1 1	..	..	37·99	..	138
D Bath (Charlcombe)	Bath Corporation W.W.	5	1 6	325	31·4	40·54	173	151
w Felton (Upper Town)	A. M. Paterson, Esq., C.E.	5	1 0	..	..	46·27	..	..
D Bath (Lower Swainswick)	G. R. Marsh, Esq.	5	1 0	145	..	42·64	180	151
D Whitchurch (The Mead)	N. L. Butt, Esq.	5	0 6	300	..	40·45	194	153
D Batheaston Reservoir	Bath Corporation W.W.	5	1 0	248	31·1	39·55	190	152
D Keynsham (Wellsway)†	A. E. Stephens, Esq.	8	1 0	133	29·6	37·67	174	143
D Bath (Brockham End)	H. A. Holland, Esq.	5	1 6	720	..	39·28	188	152
D Barrow Gurney Reservoir	A. M. Paterson, Esq., C.E.	5	1 0	300	36·2	46·05	177	145
D Lansdown	Bath Corporation W.W.	5	1 0	380	..	43·55	176	159
D Long Ashton (Research Station)	The Principal	8	0 8	162	34·1	43·98	205	152
D Walton-in-Gordano	Lt.-Col. Sir Chas. Miles, Bt.	5	0 9	80	..	42·41	195	154
D Failand House	University of Bristol	5	1 0	380	34·6	44·90	190	159
D Portishead (Bristol Rd.)	Portishead Dist. Water Co.	5	1 6	24	34·9	40·54	191	154
d Portishead (Redcliffe Bay)	A. E. Heaven, Esq.	5	0 10	200	..	42·46	..	146
2.—YEO, AXE & BRUE. 405 sq. mi.								
D Somerton (Butleigh Court)	R. Neville Grenville, Esq.	8	1 2	95	30·5	34·96	173	144
D Bruton (Great Down Cottage)	F. K. Makins, Esq.	5	1 0	280	..	37·89	200	146
D Ditcheat Rectory	Rev. H. H. Tripp, M.A.	5	1 0	212	31·5	38·47	201	158
d Street (High Level Reservoir)	The Surveyor, U.D.C.	5	1 0	182	..	32·60	..	..
D Street (Overleigh House)	J. B. Clark, Esq.	5	0 10	100	28·5	32·29	179	141
D Street (Hindhayes)	Mrs. W. Bancroft Clark	5	1 6	78	28·8	33·62	190	140
D Street (Portway)	J. E. Clark, Esq.	5	1 0	80	..	34·56	185	149
Street (Wraxhill Corner)	A. H. Clothier, Esq.	5	1 10	70	..	34·90	..	..
d Street (Sewage Farm)	The Surveyor, U.D.C.	5	1 0	18	..	35·67	(161)	(145)
D Street (Millfield) *new g.*	Dr. Hilda Clark	5	1 1	100	28·5	33·90	177	139
D Catcott (The Crift)	Rev. H. Buckton	5	1 0	100	..	30·98	178	140
D Edington	Major A. C. F. Luttrell	5	1 6	90	31·2	32·15	173	156
D Chilton Polden (West House)	Mr. E. Chick	5	1 0	100	28·5	29·91	184	145
D Cossington Manor	J. C. Macro Wilson, Esq.	5	1 0	110	..	30·71	181	141
D Meare	E. J. H. Stott, Esq.	5	1 0	35	..	32·96	173	136
D Shepton Mallet (Pilton)	Miss E. M. Allen	5	1 3	354	34·6	40·04	183	148
D Shepton Mallet (Charlton)	C. E. Burnell, Esq., J.P.	5	1 0	481	38·8	41·71	199	157
D Shepton Mallet (Field House)	Sir F. H. Berryman	5	1 0	500	38·6	41·85	199	155
D Shepton Mallet (Sewage Farm)	The Surveyor, U.D.C.	5	1 0	330	38·7	42·00	208	158
D Doulting Vicarage	Rev. H. S. Darbyshire	5	1 0	693	39·8	42·78	191	175
d Wells (The Palace)	Mrs. Wynne Willson	..	..	150	..	37·99	..	145
D Wells (St. Cuthbert's Lo.)	Miss H. S. Laidlay	5	1 0	135	..	37·59	193	153
D Wells (Mental Hospital)	The Medical Superintendent	5	1 2	300	36·2	38·80	177	154
d Wells (Wookey Hole Paper Mills)	W. S. Hodgkinson & Co.,Ltd.	5	2 1	174	35·1	39·22	..	132
D Wookey Hole (Wookey Ho.)	E. T. Wilson, Esq.	5	1 0	200	..	40·26	196	162
D Burnham (Chalbury)	The late P. C. Smith Spark, Esq.	5	1 0	20	29·1	32·78	193	145
D Burnham	W. H. Chowins, Esq., C.E.	8	0 8	24	28·5	32·80	181	148
D Burnham (Berrow Road)	Miss M. Robinson	5	1 0	10	29·2	32·90	171	142
D Burnham (Brent Knoll)	J. B. Randell, Esq.	5	0 10	25	30·3	34·79	183	151
D Draycott	Miss E. Parrett	5	1 0	21	..	37·49	189	151
D Cheddar (Pumping Station)	A. M. Paterson, Esq., C.E.	5	1 0	50	33·6	38·95	187	148
w Charterhouse	A. M. Paterson, Esq., C.E.	5	1 0	619	43·2	46·41	..	..
w Compton Martin	A. M. Paterson, Esq., C.E.	5	1 0	276	42·4	45·52	..	..
D Shipham (Studleigh End)	Miss E. M. Garaway	5	0 9	550	..	41·79	180	150
w Ubley (Rookery Farm)	A. M. Paterson, Esq., C.E.	5	1 0	525	44·9	47·49	..	..
D Winscombe (The Down)	J. Grubb, Esq.	5	1 0	295	35·8	41·33	184	158
w Blagdon Hill	A. M. Paterson, Esq., C.E.	5	1 0	550	40·6	46·20	..	..
D Blagdon (Pumping Station)	A. M. Paterson, Esq., C.E.	5	1 0	112	37·0	42·77	177	147

† Formerly called Keynsham (Chewton Road).

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SOMERSETSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—YEO, AXE and BRUE—(*con.*)								
w Blagdon (Coombe Lodge)	A. M. Paterson, Esq., C.E...	5	1 0	388	39·6	45·79	..	..
w Nempnett (West Town)	A. M. Paterson, Esq., C.E...	5	1 0	263	36·3	41·38	..	..
w Burrington (Burrington Links)	A. M. Paterson, Esq., C.E...	5	1 0	335	38·1	42·75	..	..
D Weston-super-Mare (Clarence Pk.)	W. H. Allen, Esq.	5	1 1*	29	29·9	34·36	172	135
D Churchill (Langford House)	Sidney Hill, Esq., J.P....	8	0 10	90	..	47·85	193	161
w Butcombe (Cholwell)	A. M. Paterson, Esq., C.E...	5	1 0	370	38·9	42·93	..	..
D Yatton (Chelvey)	A. M. Paterson, Esq., C.E...	5	1 0	60	32·5	41·32	189	145
D Backwell Hill	W. Garnett, Esq.	5	1 0	490	33·2	39·22	169	147
D West Town	Theodore Robinson, Esq...	5	1 0	80	34·6	41·14	194	146
D Clevedon (Gas Works)	J. Harger Pye, Esq.	5	1 2	22	33·5	39·32	176	142
D Clevedon W.W. (Tickenham Rd.)	J. Harger Pye, Esq.	5	1 6	70	31·2	40·83	174	149
D Wraxall Court	Mr. G. Hyde	5	0 10	200	..	41·39	196	157
3.—PARRETT. 568 sq. mi.								
D Chard (High Street Council Sch.)	F. Barnard, Esq.	5	1 2	425	39·1	47·35	201	154
D Crewkerne (The Reservoir)	E. H. Munford, Esq.	8	1 0	426	33·7	39·27	195	143
D Crewkerne (Bincombe House)	Mrs. R. H. Symons	5	1 3	293	34·7	40·14	183	147
D Chaffcombe House	Col. L. H. Noblett	5	0 10	400	33·1	43·22	199	151
D Combe St. Nicholas	Rev. G. de Y. Aldridge....	5	1 0	580	38·4	47·69	216	162
Coker Court Gardens	Mr. T. H. Gilham	5	1 6	255	33·7	39·76	172	151
D Hinton St. George (Springfield)	J. M. Brierley, Esq.	5	1 0	295	..	39·81	203	144
D Ilminster	The Surveyor	8	0 6	182	..	37·34	176	137
D Ilminster (Dillington Park) (R)	Mr. W. Goldthorpe	8	3 0	161	..	35·50	182	137
d Yeovil (Reckleford School)	The Headmaster	5	2 0	150	..	35·05	..	136
D Yeovil (Pen Mill Sewage Works)	Dr. C. W. Gee	5	1 0	102	30·6	36·83	203	141
D Pitminster (Blagdon Hill)	G. L. Sidey, Esq.	5	0 10	750	..	45·12	218	163
D Stoke-under-Ham	Miss M. H. Gillett	6	1 0	80	31·2	36·69	188	154
D Angersleigh (Leigh Court)	A. Eastwood, Esq.	8	1 0	360	35·0	41·33	197	153
D Ashbrittle (Kyrle)	Major J. H. Mathias	5	0 9	525	..	45·24	209	160
D Bradford (Stoford Manor)	W. Simms, Esq.	5	1 0	140	..	37·38	190	150
D Runnington (Runnington Ho)	Mrs. H. F. Lee	5	1 0	200	..	38·12	189	147
D Martock Vicarage	Rev. G. W. Saunders	5	0 9	61	29·6	32·59	184	138
D Rimpton	P. B. Cardwell, Esq.*	5	1 0	147	..	33·71	194	151
D Taunton (The Park)	Dr. John Allen	5	1 0	71	29·5	33·54	194	145
D Taunton (Holy Trinity School)	A. P. Guest, Esq., M.B.E...	5	1 0	65	29·1	32·88	207	151
D Queen Camel (England's Side)	J. A. Brendon, Esq.	5	1 0	100	..	32·67	186	145
D North Curry Vicarage	Rev. A. Gossage Robinson .	5	0 11	90	..	32·30	213	144
D Milverton (Old Halls)	Mrs. Bere	5	1 0	250	..	38·01	200	160
D Milverton (Spring Grove)	Mrs. M. K. Coldwell	5	1 0	449	36·7	41·19	212	158
D Wiveliscombe (Culverhead)	Lt.-Col. H. Jefferys Taylor, D.S.O.	5	0 10	430	39·6	42·60	201	150
D Langport (The Grange)	Miss V. M. Page	5	1 0	50	27·9	30·61	203	142
D Langport (Council School)	H. G. Jefferies, Esq.	5	1 0	52	28·1	31·96	193	137
D Somerton (The Grange)	R. W. Pretor-Pinney, Esq..	5	1 0	106	27·8	30·46	167	132
d Wiveliscombe (Council School)	The Headmaster	5	1 1	410	..	42·05	..	..
Wiveliscombe (Bulland Lodge)	Mrs. A. J. Capel	4	0 10	750	..	45·20	194	164
D Bishop's Lydeard (Watts Ho.)	Lady Boles	5	1 2	320	..	35·09	179	145
d North Newton	The Headmistress	5	0 9	50	..	33·38	..	144
D Aisholt (Timbercombe)	The late Mrs. White	5	1 2	700	33·2	39·73	204	164
D Bagborough Rectory	C. Hubert Lance, Esq.	9	1 0	470	34·1	38·71	202	162
D Spaxton (Bush House)	Capt. A. M. Stancomb, R.N.	5	1 0	350	..	37·77	186	147
D Bridgwater (Blake Gardens)	R. A. Watson, Esq.	5	3 1	27	28·5	35·52	192	153
D Bridgwater (Wembdon Road)	H. Corder, Esq.	5	1 0	30	29·9	32·75	181	149
D Over Stowey (Quantock San.)	Medical Superintendent	5	1 0	400	..	39·43	175	148
D Cannington (Ashford)	R. A. Watson, Esq.	5	1 1	102	31·4	33·86	170	146
D Cannington (Farm Inst.)	The Principal	5	1 0	95	..	32·92	205	151
Bridgwater (Fiddington)	J. M. Lee, Esq.*		..	..	..	37·74	191	154
4.—NORTH COAST STREAMS. 158 sq. mi.								
D Elworthy (Willett)	H. C. Venning, Esq.	5	1 0	450	35·1	40·30	190	157
D Croydon Hall	Capt. J. W. Bridges	5	3 6	500	41·6	45·01	196	161
Bicknoller (Ford)	John Tracey, Esq.	5	1 2	150	33·0	37·53	203	151
D Roadwater (Lowood)	H. D. Badcock, Esq.	5	1 0	200	..	39·91	197	139
D Dodington	Miss W. J. Malet	5	1 0	450	..	40·53	199	166

* *Per* Mid-Wessex Rainfall Association.

DIVISION V—SOUTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SOMERSETSHIRE—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	4.—NORTH COAST STREAMS—(*con.*)								
D	Bicknoller (Weacombe Ho.)	O. T. Sadler, Esq.	5	1 0	320	34·2	35·20	178	154
	Williton (Aller Farm)	R. G. Hosegood, Esq.	5	3 0	200	32·4	36·77	167	148
D	Williton (Eastfield)	Miss E. Heathcote	5	1 0	184	..	36·78	193	147
D	Williton (The White House)	S. L. Rogers, Esq., J.P.	5	1 0	97	30·6	36·03	176	150
D	Kilve Court	Miss A. Fry	5	1 0	150	30·0	38·06	194	153
D	Stogursey	Dr. P. Hallam	5	1 0	120	..	34·74	163	146
d	Stogursey School	H. T. Gough, Esq.	5	1 0	140	..	34·18	..	..
D	Stogursey (Fairfield House)	Lord St. Audries	5	1 0	150	31·1	35·02	191	146
D	Bridgwater (Stockland Manor)	Lt. Col. H. T. Daniel, Esq.*	.	..	..	..	34·12	161	143
d	Wootton Courtney	Miss M. F. Mathias	5	1 0	450	..	42·69	..	..
D	Dunster	P. R. Day, Esq.	5	1 0	160	33·0	40·82	186	149
D	Stolford (Whitewick Farm)	C. Mackenzie, Esq.	5	0 9	10	..	33·26	181	140
D	Minehead (Blenheim Gardens)	A. Douglas Barron, Esq.	5	1 0	37	..	38·84	183	152
D	Porlock (Lynch Mead Allerford)	J. Dyke Acland, Esq.	5	1 3	113	34·6	38·46	218	151
D	Porlock (Bush Steep)	Mrs. W. P. Holmes	5	0 9	130	43·2	43·19	182	153
d	West Porlock House	Mrs. G. Blathwayt	5	1 3	100	..	51·10	..	142
D	West Porlock (Underway)	N. G. Hadden, Esq.	5	1 0	100	44·2	50·97	173	157
D	Culbone (Lillycombe)	E. T. MacDermot, Esq.	5	1 0	1210	50·5	56·81	218	179
	5.—EXE. 122 sq. mi.								
D	Churchstanton (Stapley)	The Misses Church	5	1 0	600	..	44·96	218	168
D	Churchstanton (Widcombe)	G. Clinton Baker, Esq.	8	0 11	900	..	45·69	203	156
d	Exbridge	Exe Valley Fishery Co.	5	3 0	450	44·1	(45·82)	(209)	(171)
D	Brushford Rectory	Rev. B. J. du Boe	5	1 0	450	44·3	46·63	213	173
D	Brushford Nurseries	Mr. G. Ruff	5	1 5	450	44·1	47·26	213	175
D	Dulverton C.E. School	C. J. R. Weaver, Esq.	5	0 9	550	..	48·85	205	170
D	Dulverton (Barons Down)	B. S. Bullivant, Esq.	5	0 11	860	..	48·19	208	178
D	Hawkridge (Liscombe)	Mr. E. W. Darby	5	1 0	980	57·8	56·04	233	185
D	Winsford	Capt. R. S. Le Bas	5	1 0	620	..	59·44	212	183
d	Exford (Stockleigh Lodge)	Lt. Col. W. W. Wiggin	5	1 0	1000	54·8	64·19	..	..
	6.—AXE. 42 sq. mi.								
D	Wayford Manor	H. L. P. Baker, Esq.	5	0 10	425	..	44·72	179	156
D	Cricket St. Thomas	Mr. C. G. Rose	5	1 0	444	39·3	48·37	173	162
	7.—STOUR. 35 sq. mi.								
D	Temple Combe Rectory	Rev. Preb. R. W. Windsor.	5	1 4	250	34·9	41·74	187	160
D	Horsington Marsh	R. Parsons, Esq.*	5	..	250	..	36·47	178	157

DIVISION VI—WEST MIDLAND COUNTIES.

	GLOUCESTERSHIRE. (Area, 1,243 sq. mi.)								
	1.—WYE. 50 sq. mi.								
D	Chepstow (Castleford)	Mrs. W. R. Lysaght	5	0 11	146	35·8	44·13	181	154
D	St. Briavels (St. Briavels Ho.)	The late Surg. Capt. O. W. Andrews	5	1 0	750	43·4	49·93	192	148
D	Newland (The Cottage)	E. L. Ferrall, Esq.	5	0 7	450	..	42·19	175	151
D	Redbrook Pumping Station	C. W. D. Ward, Esq.	5	1 0	225	..	40·40	195	145
D	Forest of Dean (Mailscot Lodge)	Forestry Commission	8	1 0	630	35·0	37·82	186	139
D	English Bicknor (Bicknor House)	T. F. Harvey, Esq.	5	1 0	490	32·6	35·29	178	132
d	Ruardean Hill Lodge	Forestry Commission	8	1 0	932	..	34·89	..	126
	2.—SEVERN—Right Bank Tributaries. 176 sq. mi.								
d	Forest of Dean (Whitemead Pk.)	Forestry Commission	8	1 0	325	34·7	42·95	(183)	(143)
D	Forest of Dean (Blakeney Hill Lo.)	Forestry Commission	8	1 6	500	31·6	34·57	179	143
D	Forest of Dean (PARKEND)	Forestry Commission	8	1 0	325	..	41·87	180	137
D	Forest of Dean (Worcester Lo.)	Forestry Commission	8	0 11	712	37·4	41·22	187	138
D§	Coleford (Cannop Colliery) *new g.*	The Manager	5	1 0	300	..	40·34	188	136
D	Newnham-on-Severn School	The Headmaster	5	1 0	100	..	37·07	183	137
d	Westbury-on-Severn (Elton)	S. Bullock, Esq.	5	1 0	85	31·3	33·62	..	..
D	Westbury-on-Severn (Ninnage L.)	Miss N. E. Grant	5	1 0	120	29·2	32·95	177	137
d	Forest of Dean (Edgehills Lodge)	Forestry Commission	8	1 0	915	33·2	40·73	..	131
d	Tibberton Court School	The Headmaster	5	1 0	108	..	31·69	..	..

* *Per* Mid-Wessex Rainfall Association. § Turf wall round gauge on new site.

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
GLOUCESTERSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—SEVERN—Right Bank Tributaries—(*con.*).								
D Newent (Taynton)	M. Philips Price, Esq.	5	1 0	60	29·0	30·87	162	132
D Oxenhall (Dymock Woods)	Forestry Commission	8	1 0	232	27·6	34·39	171	136
D Bromsberrow Heath Pump. Stn.	W. Osborne Thorp, Esq., C.E.	5	1 0	181	26·2	29·95	159	124
D Tewkesbury (Forthampton Ct.)	Mr. B. Webster	5	1 0	48	26·9	28·63	174	129
D Tewkesbury (Upper Lode)	J. E. Bradley, Esq.	5	1 0	41	25·2	27·09	171	129
3.—SEVERN—Left Bank Tributaries. 372 sq. mi.								
D Thornbury (Thornbury Park)	Capt. R. A. Bennett	5	1 3	70	32·2	39·99	181	143
d Tortworth Court	The Head Gardener	8	1 0	264	31·5	39·84	..	..
D Tortworth School	E. A. Smith, Esq.	5	1 6	264	31·8	38·67	183	141
D Dursley (The Manor)	Miss H. M. Hutton	5	1 0	274	32·4	37·55	184	140
D Avening House	Lady Eleanor Byng	8	1 3	350	32·3	38·21	182	149
Avening (Gatcombe)	Colonel H. G. Ricardo	8	1 0	550	31·6	38·87	196	153
D Berkeley Castle Gardens	Mr. T. B. Ashbee	5	1 6	60	29·1	34·65	173	135
D Cam (Drake Lane)	F. G. Francis, Esq.	5	1 0	350	..	36·20	188	141
D Nailsworth (Three Corners)	F. R. Rushton, Esq.	5	0 9	325	34·0	38·34	197	151
D Berkeley (Sharpness Docks)	A. J. Cullis, Esq., C.E.	5	1 3	50	29·5	38·41	172	144
d Minchinhampton (Box House)	Mrs. J. H. Sharp	5	1 1	500	..	37·52	..	..
D Minchinhampton (The Shard)	E. H. Denne, Esq.	5	0 8	500	32·0	38·10	181	136
D Minchinhampton (Rectory Cott.)	G. W. Fisher, Esq.	5	1 0	610	33·9	40·14	189	153
D Minchinhampton (Camp Field)	Miss B. M. Legh	5	1 6	640	33·9	40·72	197	148
D Chalford W.W.	Stroud Water Co.	5	2 0	241	..	35·47	176	138
D Frocester Manor	Capt. J. E. H. Graham-Clarke.	5	1 3	80	..	31·57	164	132
D Stroud (Rodborough Common)	Major H. Napier-Rowlatt	5	1 0	600	..	37·43	153	147
D Stroud (Thrupp)	George G. Loane, Esq.	5	1 0	300	..	36·21	188	142
D Stroud (Stanley Park Gdns.)	Sir P. S. Marling, Bt., V.C., C.B.	8	1 0	365	33·2	38·89	172	157
D Stonehouse (Wycliffe College)	W. A. Sibly, Esq.	5	1 0	120	29·0	31·06	180	132
Stroud (Berrimans)	E. Armitage, Esq.	5	1 0	750	34·0	40·05	..	..
D Whitminster (Parklands)	W. Grey Robinson, Esq., J.P.	5	1 0	103	..	31·51	202	137
M Stroud (Lypiatt Park)	Mr. R. Paget	5	1 0	820	..	37·88?	..	..
D Miserden Park	The Agent	5	1 2	780	..	40·66	181	151
D Whitminster (The Junction)	A. J. Cullis, Esq., C.E.	5	1 0	32	..	31·33	182	130
D Haresfield Court	Miss Tidswell	5	0 10	100	30·2	36·35	187	144
D Harescombe Grange	Stamford Hutton, Esq.	5	1 0	557	29·3	33·46	192	146
D Cranham (Woodside)	J. H. Edwards, Esq.	5	1 5	650	..	31·75	184	144
D Quedgeley House	Miss M. F. Curtis-Hayward	5	1 3	65	27·9	31·74	179	142
D Witcombe Reservoir	C. J. Scudamore, Esq., C.E.	8	1 0	297	29·2	32·78	181	135
D Brockworth (The Kia)	Mrs. Grace Buckle	5	1 4	220	27·1	30·65	180	128
D Gloucester (The Park)	R. H. Ellis, Esq.	5	1 3	56	26·6	27·39	178	131
D Gloucester (Llanthony Lock)	J. E. Bradley, Esq.	5	1 2	39	25·4	26·77	164	133
D Gloucester (Maisemore Lock)	J. E. Bradley, Esq.	5	1 1	39	25·1	27·81	178	127
D Churchdown (Barrow Hill)	Mrs. J. H. Jones	5	1 0	225	27·9	30·28	182	127
D Dowdeswell Reservoir	G. Gould Marsland, Esq., C.E.	5	1 3	357	30·0	32·18	166	133
D Cheltenham (Hewletts Res.)	G. Gould Marsland, Esq., C.E.	8	1 6	419	27·7	30·99	174	138
D Cheltenham (Sandford Mead)	G. Gould Marsland, Esq., C.E.	8	2 6	210	26·3	30·66	163	129
D CHELTENHAM (Montpellier Gds.)	The Town Clerk	5	1 0	214	26·5	32·09	182	138
d Cheltenham (Suffolk Square)	Rev. Preb. H. T. Williamson	5	1 0	227	..	(28·68)	(177)	(129)
D Prestbury (Delhome)	Miss E. M. Heberden	5	0 9	300	..	30·75	183	141
D Cheltenham (Swindon)	J. C. M. Stanton, Esq.	8	1 2	136	25·6	28·71	186	130
D Bishops Cleeve	Mrs. L. G. Lascelles	5	0 10	150	..	28·88	195	152
D Tewkesbury Pumping Station	G. Gould Marsland, Esq., C.E.	5	1 0	47	23·9	24·68	172	122
4.—SEVERN—Upper Avon. 99 sq. mi.								
D Blockley	Miss E. M. Richardson	5	1 0	550	..	34·55	179	143
D Winchcombe (Sudeley Castle)	Major J. H. D. Brocklehurst	5	1 0	357	29·8	32·70	166	140
D Broadway (Buckland Manor)	Mr. J. Whiteley	5	1 0	300	27·7	30·54	191	145
D Campden (Research Station)	The Director	5	1 0	389	..	30·45	185	131
5.—LOWER AVON & C. 198 sq. mi.								
D Bath (Monkswood Reservoir)	Bath Corporation W.W.	6	1 0	365	..	43·46	199	163
d Marshfield (Ashwicke)	Major M. E. W. Pope	5	0 9	600	..	43·04	..	..
D Bristol (Tyndalls Park)	(+A)O. W. Dunscombe, Esq.	5	1 6	150	33·1	40·65	198	155
Bristol (Kingswood)	H. Pratten, Esq.	5	1 0	240	..	40·01	..	..
D Bristol (Hopewell Hill)	W. Gloucester Water Co.	5	1 0	381	30.5	38·91	177	153
d Bristol (Sneyd Park)	Mrs. A. M. Tanner	5	1 8	300	..	41·58	..	147
D Clifton (Oakfield Road)	A. M. Paterson, Esq.	5	1 0	200	33·0	38·97	180	153
D Clifton (All Saints Rd.)	H. T. Coles, Esq.	5	0 11	200	..	41·14	203	154

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
GLOUCESTERSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—LOWER AVON & C.—(*con.*)								
Bristol (St. Andrew's Park)	H. Vicars Webb, Esq.	5	1 6	200	32·6	41·04	..	157
D HORFIELD	G. H. Brown, Esq.	5	1 0	206	..	42·70	205	160
D Shirehampton (Kings Weston)	P. Napier Miles, Esq.	8	1 0	220	..	40·03	186	152
Winterbourne (Kendleshire)	J. Marsh, Esq.	5	1 0	180	..	41·01	..	..
D Frampton Cotterell (Park Ho.)	H. H. Harding, Esq.	5	1 0	158	29·8	40·14	193	153
D Badminton Gardens	The Head Gardener	5	1 0	407	..	43·87	185	161
D Almondsbury (Ridgewood)	R. E. Potter, Esq.	5	0 10	200	29·7	38·28	184	147
D Shipton Moyne P.S.	W. Gloucester Water Co.	8	1 0	314	..	39·74	195	150
6.—THAMES—Right Bank Tributaries. 15 sq. mi.								
7.—THAMES—Windrush & c. 333 sq. mi.								
D Somerford Keynes (Manor Ho.)	F. Fawcett, Esq.	5	0 9	340	27·9	34·22	177	139
D Fairford (Dunfield, Kempsford)	A. T. Iles, Esq.	5	1 0	260	25·6	33·66	176	138
D Fairford Vicarage	Rev. Canon R. C. S. Jones	5	1 0	280	26·7	35·08	192	147
D Lechlade (St. John's Lock)	Thames Conservancy	5	1 7	237	24·3	30·09	192	133
D Lechlade (Claydon House)	T. T. S. Metcalfe, Esq.	5	1 0	250	25·9	31·80	178	136
D CIRENCESTER (R. Agric. Coll.)	The Principal	5	1 0	443	..	38·40	183	143
D Fairford (Draycott)	Miss F. A. Edwards	5	2 0	200	..	34·84	170	139
D Cirencester (Gwynfa)	Nigel Woods, Esq.	5	1 0	354	30·8	38·16	197	141
D Daglingworth Manor	J. Herbert Scrutton, Esq.	8	0 10	450	30·8	42·10	202	156
D Great Barrington	H. J. Barrett, Esq.	5	1 6	417	28·8	37·33	179	141
d Northleach (Sherborne House)	The Rt. Hon. Lord Sherborne	5	1 6	440	30·7	36·50	..	138
D Northleach (Leygore Manor)	Arthur E. Moss, Esq.	5	1 0	580	29·4	36·46	190	139
D Andoversford (Hampen House)	Rear Adm. J. S. Salmond, R.N.	5	1 0	730	..	35·97	188	149
D Bourton-on-Water (Eastfield)	E. W. Kendall, Esq.	5	1 6	434	30·1	36·34	168	137
D Bourton-on-Water (Chardwar)	Miss A. B. Moore	5	1 6	430	30·3	36·08	178	141
D Stow-on-the-Wold (Icomb Place)	Capt. G. H. Simpson Hayward	8	1 3	500	29·3	35·39	175	145
d Stow-on-the-Wold (Icomb Hill)	Capt. Alan Gee	5	0 10	600	..	37·75	..	139
D Winchcombe (Temple Guiting Ho.)	Major C. Stacey	5	1 3	700	31·6	34·68	212	157
HEREFORDSHIRE. (Area, 840 sq. mi.).								
1.—WYE. 685 sq. mi.								
D Goodrich Court Gardens	Mrs. G. R. Trafford	5	1 8	200	29·7	36·63	203	160
D Walford (Hill Court Gardens)	Mr. D. Hawker	5	1 1	126	28·4	30·19	176	127
ROSS-ON-WYE (+A)	F. J. Parsons, Mus. Bac. (M.O.)	5	1 0	223	28·2	29·00	172	126
D Ross (Birchlea)	Miss M. L. Southall	5	1 0	210	28·2	30·62	190	133
D Bridstow (Ashe Leigh)	Major W. Stanley R. Cox	5	1 0	220	27·4	28·63	179	138
D Kentchurch Rectory	Rev. R. P. Dansey	5	1 0	220	34·6	35·34	193	140
D Ross (The Chantry)	M. F. Maclean, Esq.	5	1 0	475	..	28·68	180	141
D Vowchurch (Ladywell House)	A. S. Wood, Esq.	5	1 0	400	34·9	35·84	195	148
D HEREFORD (BELMONT ABBEY)	The Abbot	8	1 0	292	27·6	30·83	183	142
D Hereford (Breinton Court)	Mrs. R. E. H. Baily	5	1 0	238	25·9	25·50	173	126
D Tarrington (Aldersend)	J. H. Whiting, Esq.	5	1 2	360	..	29·16	181	143
D Dorstone (Oaklands)	Robert Gray, Esq.	5	1 0	486	..	35·06	198	144
D Hereford (Holmer Hall)	Miss M. S. Hopton	5	1 7	244	25·1	26·41	167	120
D Tyberton Court	Major C. B. L. Warner	5	0 10	276	..	29·82	169	130
D Credenhill (Stretton Sugwas)	Capt. S. H. Armitage	5	1 0	226	25·8	29·16	176	141
D Credenhill	F. E. Whiting, Esq.	5	1 5	275	27·5	31·35	171	150
D Clifford School	The Headmaster	5	1 7	490	..	29·84	191	138
D Burghill (Hereford Co. Mental H.)†	The Medical Superintendent	5	1 0	300	26·3	24·60 ?	166	117
D Ocle Pychard (Ocle Court)	G. Cresswell, Esq.	8	1 0	298	27·8	28·60	177	135
D Sarnesfield Court	Rev. W. Marshall	5	1 0	378	..	30·48	182	134
D Weobley (The Gables)	H. B. Hall, Esq.	5	0 8	336	..	30·77	183	146
D Pembridge (Moor Court)	C. A. Benn, Esq.	5	1 6	400	..	28·27	164	133
D Pembridge (Burton Court)	Mrs. P. Clowes	5	1 6	400	28·4	31·96	190	152
d Bromyard (Birchyfields)	J. E. Knott, Esq., D.S.O.	5	1 3	545	..	27·97	(168)	(134)
D BROMYARD (Dumbleton Cot.)	Miss M. A. Philpott	5	1 0	393	29·0	29·67	176	132
D Kington (Lynhales)	Mrs. R. F. Hibbert	5	1 0	620	32·8	31·21	189	135
M Lyonshall (Castle Weir)	Col. H. R. Pettit	5	1 0	580	..	30·74	..	..
D Kington (Hill Court)	J. E. Barendt, Esq.	5	0 8	595	..	33·03	179	143
M Kington (Sunset)	H. Langston, Esq.	5	1 6	495	32·0	30·52	..	..
D Kington (Golf Club)	C. A. Benn, Esq.	5	1 0	1284	..	32·86	168	153
D Leominster (Hennor)	Capt. L. R. Hibbert	5	1 1	417	..	27·14	179	129
D Kimbolton (Grantsfield)	J. M. Hutchinson, Esq.	5	1 0	424	28·4	27·98	180	131
D Byton Rectory	Rev. P. D. Irwin	5	1 0	500	..	31·72	189	134
D Presteigne (Middlemoor)	A. M. Wilson, Esq.	8	1 0	480	..	34·43	187	138

† Station formerly called Burghill.

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	HEREFORDSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—SEVERN.—Right Bank Tributaries. 155 sq. mi.								
d	Ledbury (Donnington Hall)	Col. C. Spence-Colby, C.M.G.	5	1 0	240	..	28·87	..	..
D	Much Marcle (The Mount)	Miss A. M. Charles	5	1 0	240	25·8	30·76	187	142
d	Much Marcle (Hall Court)	Mrs. J. J. S. Powell	5	1 0	200	..	28·92	..	131
	Ledbury (The Twerne)	L. J. C. Riley, Esq.	5	1 0	400	..	30·62	202	139
D	Colwall (The Downs)	F. M. Day, Esq.	5	1 0	500	..	31·88	169	128
d	Colwall (Boys' School)	The Headmaster	5	1 3	400	..	30·71	..	..
	Cradley (Mill Bank)	Lt.-Col. E. H. Thurlow	5	1 0	320	28·4	27·63	..	..
D	Brampton Bryan School	The Headmistress	5	1 4	440	..	33·88	183	148
	SHROPSHIRE. (Area, 1343 sq. mi.).								
	1.—MERSEY.—Weaver. 27 sq. mi.								
	2.—DEE. 30 sq. mi.								
D	Ellesmere (Seven Sisters)	C. Adam, Esq.	5	1 0	300	..	27·78	184	137
D	Whitchurch (Fenns Bank)	M. W. Sowden, Esq., C.E.	8	1 0	271	27·1	27·55	183	140
d	Overton (Sodylt Hall)	W. H. Horsfall, Esq.	5	1 0	266	29·7	30·80	..	140
	3.—SEVERN.—Right Bank Tributaries. 722 sq. mi.								
D	Bucknell Vicarage	Rev. W. A. Woodhouse	5	1 0	480	..	33·24	181	137
d	Ludlow (Hill Crest)	C. B. Marston, Esq.	5	1 3	350	..	31·73	..	..
d	Bromfield (Oakly Park)	The Head Gardener	5	1 3	300	29·7	30·40	..	..
D	Bromfield (Warwick House)	F. Brayshaw, Esq.	5	1 0	320	30·3	33·92	196	145
D	Bitterley Grammar Sch.	The Headmaster	5	1 0	509	28·1	32·98	186	153
D	Stanton Lacy Vicarage	Miss I. Armitage	5	1 0	304	28·1	32·07	176	124
d	Culmington Manor	T. W. Shaw, Esq.	5	1 4	575	29·6	32·11	..	134
D	Lydbury North	Erskine Edmonds, Esq.	5	1 0	500	..	33·81	199	163
D	Lydbury North (Totterton)	Major W. H. B. Whitaker	5	1 3	700	30·8	33·69	200	158
D	Bishops Castle (The Vicarage)	Rev. Canon H. J. Smith	5	1 7	596	32·8	31·54	177	144
d	Myndtown Rectory	Rev. J. A. Hughes*	5	1 0	700	..	(31·40)	..	..
D	Church Stretton (Sewage Works)	E. J. Marsh, Esq.	5	1 0	582	33·7	39·36	209	153
D	Church Stretton (St. Margaret's)	Rev. J. H. Kidson	5	0 11	672	..	38·62	202	159
D	Bridgnorth (Cantreyn)	W. Bayliss, Esq.	5	1 0	290	26·7	29·54	179	133
D	Chirbury (Marrington Hall)	Lt.-Col. S. D. Price-Davies	5	1 0	490	29·5	28·44	177	143
D	Church Stretton (Woolstaston)	Mrs. Mathews	5	1 3	745	31·9	37·44	195	142
d	Broseley (Boys' School)	The Headmaster	5	0 8	485	..	31·89	..	..
d	Cressage (Harnage Grange)	Col. G. P. Pollitt	5	1 0	420	..	27·89	(180)	(125)
D	Dorrington School	J. A. Narraway, Esq.	5	1 2	250	..	29·61	203	144
D	Shrewsbury (Beckbury House)	G. H. Horsfall, Esq.	5	0 9	220	22·1	30·22	188	154
D	Shrewsbury (Radbrook Hall)	Major D. D. Macpherson, J.P.	5	0 8	235	24·3	25·66	154	125
D	Shrewsbury (Longden Road)	Miss M. Deedes	5	1 6	250	..	27·69	181	128
D	SHREWSBURY (Monkmoor)	Medical Officer of Health	8	1 0	184	..	27·26	187	136
	4.—SEVERN.—Left Bank Tributaries. 564 sq. mi.								
	Bridgnorth (Coton Hall)	Capt. W. Colville	5	1 6	460	27·8	30·03	173	..
D	Bridgnorth (Stanmore Hall)	The Hon. E. Hamilton-Russell	5	1 0	297	..	28·21	172	133
D	Ackleton (The Folley)	H. J. Bath, Esq.	5	1 0	230	..	29·99	195	146
D	Shifnal (Hatton Grange)	Mr. G. Risebrow	5	1 6	262	26·1	26·97	201	137
D	Madeley (C. E. Schools)	The Headmaster	8	1 0	373	..	31·24	193	140
d	Shifnal (Cosford W. W.)	B. L. McMillan, Esq., C.E.	5	0 11	222	..	25·91	167	130
d	Shifnal (National Schools)	The Headmaster	5	3 0	283	28·2	(29·91)	..	..
d	Wellington W. W. (Wrekin Res.)	W. Walker, Esq.	8	2 6	478	25·7	30·20	..	..
D	Shrewsbury (Copthorne)	W. H. Purslow, Esq.	8	1 0	252	..	26·03	181	133
D	Shrewsbury (Coton Hill)	Dr. M. Gepp	5	1 1	190	22·1	25·98	184	136
D	Newport (Aston Hall)	Col. R. Leeke	5	0 11	280	27·7	27·50	179	152
	Pentreheylin Hall	H. P. Hall, Esq.	8	1 2	200	..	29·65	..	..
D	NEWPORT (Harper Adams Ag. Coll.)	The Principal	5	1 0	211	24·8	25·68	184	133
D	Newport (Chetwynd Park)	Mrs. Burton Borough	5	1 0	240	28·3	28·62	189	133
D	Grinshill (Sansaw Hall Gardens)	Mrs. Brian Bibby	5	1 3	300	25·7	32·01	212	158
d	Myddle (Marton Hall)	Capt. A. A. Sidney Villar	5	0 9	280	27·4	30·77	..	157
D	Cheswardine (Knighton Res.)	Canal Engineer, L.M.& S.R.	8	1 0	351	30·0	30·69	184	148
D	Wem (Senior Schools)	The Headmaster	5	0 8	260	..	30·87	161	145
D	Cheswardine Hall	Col.R.C.Donaldson-Hudson	5	1 6	530	28·6	30·47	190	146
D	Oswestry (Mount Res.)	G. W. Lacey, Esq., C.E.	5	1 0	698	34·5	36·98	201	158
D	Oswestry (Council School)	E. Compton, Esq.	5	1 0	450	32·4	33·11	195	157
D	Norton-in-Hales School	Chas. Chadwick, Esq.	5	1 3	350	30·5	34·97	212	154

* *Per* Royal Meteorological Society.

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
STAFFORDSHIRE. (Area, 1,171 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—MERSEY—Weaver. 50 sq. mi.								
D Biddulph Grange	The Secretary	5	1 5	572	36·0	40·20	205	163
2.—SEVERN—Left Bank Tributaries. 160 sq. mi.								
D Kinver (Prestwood)	F. J. Dixon, Esq., C.E.	5	1 0	179	..	29·71	183	133
D Kingswinford (Ashwood P.S.)	F. J. Dixon, Esq., C.E.	5	1 0	207	24·9	28·25	180	131
D Dudley (Shavers End) No. 1	F. J. Dixon, Esq., C.E.	5	1 0	745	..	33·24	180	143
D Dudley (Shavers End) No. 3	F. J. Dixon, Esq., C.E.	5	1 0	745	..	32·76	178	140
D Wolverhptn. (Dimmingsdale W.W.)	B. L. McMillan, Esq., C.E.	5	0 9	323	..	26·73	168	131
Wolverhampton (Copthorne Rd.)	K. C. Berrington, Esq.	6	0 9	505	..	30·96	169	132
D Wolverhampton (West Park)	Dr. R. H. H. Jolly	5	1 0	430	27·1	30·75	178	143
D Tettenhall (The Hollies)	R. C. Sikes, Esq., C.E.	5	1 0	355	26·7	31·19	181	135
D Tettenhall Waterworks	B. L. McMillan, Esq.	5	0 10	468	..	29·80	176	136
D Shifnal (Weston Park)	Earl of Bradford	5	1 6	400	27·3	26·35	185	133
D Norbury Junction	Canal Engineer, L.M. & S.R.	5	1 0	331	28·0	28·95	180	138
D Market Drayton (Old Springs) *old g.*	F. E. Harding, Esq.	5	1 0	422	28·9	28·84	187	133
D Maer Hall Gardens	Miss Harrison, M.B.E.	8	1 6	390	32·5	36·89	191	157
3.—TRENT—Right Bank Tributaries. 518 sq. mi.								
D West Bromwich (+A)	D. Ellison, Esq., C.E.	8	1 7	543	26·2	30·79	168	134
D Wednesbury (Ocker Hill)	Birmingham Canal Navgtn.	5	1 0	476	..	31·27	175	138
D Walsall (Bescot Sewage Farm)	J. Taylor, Esq., C.E.	5	0 11	376	26·9	31·80	204	150
D Walsall (Wednesbury Sew. Wks.)	G. Wicks, Esq.	5	1 0	378	27·9	30·61	176	144
D Walsall (Pleck)	J. C. W. Day, Esq.	5	1 0	400	..	29·99	169	139
D Walsall (Gorway)	J. Cleland, Esq.	5	1 0	440	..	30·30	157	133
D Walsall (Streetly)	J. O. Cleland, Esq.	5	1 0	500	..	29·95	159	139
D Darlaston (Sewage Works)	S. E. Hammonds, Esq.	8	1 6	393	..	29·63	166	142
D Bilston (The Lunt Outfall)	A. F. B. Sidwick, Esq., C.E.	8	1 0	419	27·3	30·32	171	146
D Aldridge (Bourne Vale)	F. J. Dixon, Esq., C.E.	5	1 0	419	25·1	30·13	170	138
Wednesfield (Co. School)	The Headmaster	5	1 6	480	..	29·58	..	..
D Shenstone (Little Hay)	F. J. Dixon, Esq., C.E.	5	1 0	298	..	29·44	175	139
D Bloxwich (Sneyd Res.)	Birmingham Canal Navgtn.	5	1 0	507	..	29·58	186	135
D Pelsall (Goscote Sew. Wks.)	The Engineer	5	0 6	437	..	32·73	185	144
D Brownhills (Sandhills)	F. J. Dixon, Esq., C.E.	5	1 0	407	..	29·67	165	144
D Brownhills *new g.*	S. Harrison, Esq., C.E.	5	1 8	492	26·4	29·33	163	148
D Chasetown	Cannock Chase Colliery Ltd.	5	1 0	508	..	30·77	184	144
D Brewood (Slade Heath P.S.)	F. J. Dixon, Esq., C.E.	5	1 0	340	24·9	28·94	170	140
D Hammerwich (Cannock Chase Res.)	Birmingham Canal Navgtn.	5	1 0	475	25·3	31·60	180	146
D Whittington (Old Hall)	E. R. Corn, Esq.	5	3 0	221	..	26·55	165	124
D Cannock (Longford Lane Sew.Fm.)‡	The Engineer and Surveyor	5	1 0	400	..	24·89	172	131
D Cannock (Heath Hayes)	Cannock U.D.C.	5	1 0	530	..	29·42	161	145
D Brewood (Belvide Reservoir)	Canal Engineer, L.M.&S.R.	5	1 0	367	..	29·74	202	148
D Hednesford (Scout House) *new g.*	F. J. Dixon, Esq., C.E.	5	1 0	702	..	31·39	199	151
D Rugeley (Longdon Lodge)	F. J. Dixon, Esq., C.E.	5	1 0	413	26·1	23·10	163	134
d Hednesford (Pye Green)	F. J. Dixon, Esq., C.E.	5	1 0	768	..	28·71	..	..
D Lichfield (Hanch Reservoir)	F. J. Dixon, Esq., C.E.	5	1 0	259	..	27·71	176	140
D Alrewas (C.E. School)	The Headmaster	5	0 4	150	..	25·34	172	133
D Brereton	The Headmaster	5	1 3	300	..	28·24	178	142
D Rugeley (Slitting Mill)	F. J. Dixon, Esq., C.E.	5	1 0	299	..	29·73	184	144
D Rugeley (Brindley Bank)	F. J. Dixon, Esq., C.E.	5	1 0	254	26·3	26·31	166	138
D Rugeley (Nethermoor)	G. H. Grummitt, Esq.	5	1 0	300	29·2	26·96	169	130
D Milford Waterworks	W. Plant, Esq., C.E.	5	1 0	246	27·5	28·10	184	139
d Shugborough	C. G. Baker, Esq.	5	1 0	260	30·1	28·03	..	..
D Stafford (Victoria Pleasure Gnd.)	W. Plant, Esq., C.E.	5	1 6	249	27·2	31·74	181	150
D Eccleshall (Johnson Hall)	Major W. Moat	5	1 2	400	27·5	30·30	191	144
D Yarlet Hall	K. E. Tarling, Esq.	5	1 0	405	..	31·92	184	139
D Eccleshall (Sugnall Hall)	C. E. Lowe, Esq.	5	1 0	430	..	32·23	188	144
d Stone (Meece House)	The Head Gardener	5	1 2	750	28·3	32·77	..	..
D Stone (Meaford Hall)	Lt.-Col. W. S. W. Parker Jervis, D.S.O.	5	0 10	325	29·9	36·55	205	161
D Standon (Hatton W.W.)	P. Wilkinson, Esq., C.E.	5	1 0	355	29·0	36·20	183	152
D Whitmore Pumping Station	L. M. & S. Rly.	5	1 0	385	..	31·91	171	133
4.—TRENT—Left Bank Tributaries. 193 sq. mi.								
D Burton Reservoir	F. J. Dixon, Esq., C.E.	5	1 0	309	25·1	25·46	174	128
D Burton (Shobnall)	Messrs. Bass & Co., Ltd.	5	1 0	157	24·6	25·85	200	135
D Burton-on-Trent (Outwoods)	F. J. Dixon, Esq., C.E.	5	1 0	310	..	28·02	186	140
D Burton (Borough Hospital)	Dr. J. M. Cowie	5	1 0	220	..	27·22	181	140

‡ Moved 130 yds. SSW. on 9th Sept. 1935.

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	STAFFORDSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	4.—TRENT—Left Bank Tributaries—(*con.*).								
D	Stone (Alleyne's Grammar Sch.)	H. Malcolm Fraser, Esq.	5	1 0	415	29·4	32·01	179	140
D	Longton (The Meir)	R. C. Frain, Esq., C.E.	5	1 0	617	30·2	37·31	186	146
D	Hanley Sewage Works	W. H. Makepeace, Esq.,	5	1 0	386	..	33·71	190	147
	5.—TRENT—Dove. 250 sq. mi.								
D	Rocester (Dove Leys)	Sir Percival Heywood, Bt.	5	1 6	350	33·5	38·55	189	161
D	Oakamoor (Lightoaks)	M. A. Bolton, Esq.	5	1 6	650	..	38·10	194	139
D	Mayfield (+A).	Graham C. Lawson, Esq.	8	1 0	374	32·3	37·02	194	146
D	Ilam School	The Headmaster	5	0 8	450	..	47·99	197	178
D	Alstonfield (The Manor)	B. R. S. Pemberton, Esq.	5	1 0	925	39·1	44·34	213	170
D	Leek (Wall Grange P. Stn.)	P. Wilkinson, Esq., C.E.	5	1 0	456	34·7	39·26	189	161
D	Leek (Hillesdon)	A. Y. Worthington, Esq.	5	1 0	680	37·2	41·14	210	166
M	Leek (Withens, Upper Hulme)	W. E. Beacham, Esq., C.E.	5	1 1	1084	..	44·30	..	..
	WORCESTERSHIRE. (Area, 751 sq. mi.)								
	1.—SEVERN—Right Bank Tributaries. 231 sq. mi.								
D	Upton-on-Severn (The Eades)	Roger D. Tennant. Esq.	5	0 9	100	26·9	29·06	217	142
D	Upton-on-Severn (Berryfield Ho.)	Miss R. V. Naish	5	1 0	50	..	27·31	168	132
D	Malvern (British Camp Res.)	W. Osborne Thorp, Esq., C.E.	5	1 0	677	28·5	28·65	165	128
D	Malvern (Barnard's Green)	W. Osborne Thorp, Esq., C.E.	5	1 0	130	..	31·69	180	129
D	Malvern (Free Library)	W. Osborne Thorpe, Esq., C.E.	5	1 0	380	27·6	32·08	180	130
	Malvern (Alexandra Rd.)	C. Harinton Cotton, Esq.	8	1 2	360	..	31·32	..	..
D	Malvern (St. James' Road)	Rev. F. H. Fowler	5	1 3	300	..	31·05	170	140
D	Malvern (Clarendon School)	Miss E. M. Ingram, B.Sc.	5	1 0	500	28·3	29·35	152	121
D	West Malvern	W. Osborne Thorp, Esq., C.E.	5	1 0	832	28·9	30·60	171	132
D	Knightwick Sanatorium	Dr. H. Gordon-Smith	5	1 0	300	25·9	28·78	174	134
D	Worcester (Diglis Lock)	J. E. Bradley, Esq.	5	1 0	49	24·7	27·47	176	130
D	Martley Rectory	Rev. J. F. Hastings	5	1 0	220	26·7	29·47	182	147
D	Shelsley Beauchamp	W. Lionel Moore, Esq.	5	0 10	132	..	25·31	163	126
D	Ombersley (Holt Lock)	J. E. Bradley, Esq.	5	1 1	55	25·3	26·06	155	128
D	Stanford Rectory	Rev. J. B. Hewitt	5	1 1	360	28·4	26·49	157	125
D	Stockton-on-Teme (Eardiston)	Miss M. Wallace	5	1 0	200	26·7	27·99	177	132
D	Stourport (Astley Town)	J. Armytage Batley, Esq.	5	0 11	175	25·5	28·12	172	132
D	Stourport (Dunley Hall)	Sir Sidney Lea, Bt.	5	1 0	240	..	27·85	179	129
D	Bewdley (Winterdyne)	Miss K. M. Sturt	5	1 0	175	25·9	26·93	194	132
	2.—SEVERN—Left Bank Tributaries. 194 sq. mi.								
D	Earl's Croome (Levant Lodge)	F. W. Burnett, Esq.	5	2 0	110	26·3	29·53	185	136
D	Kempsey (Napleton Ho.)	Major H. Berkeley Hill	5	1 3	100	26·9	27·00	157	125
D	Kempsey Vicarage	Rev. E. B. R. de Jersey	5	0 9	50	..	28·63	171	130
D	Worcester (Waterworks)	W. Ransom, Esq., C.E.	5	1 0	52	23·2	26·83	179	134
D	Worcester (Perdiswell)	The Agricultural Organiser	5	1 0	94	..	27·09	165	125
D	Worcester (Bevere Lock)	J. E. Bradley, Esq.	5	1 1	52	24·5	28·45	157	126
D	Droitwich (Sewage Works)	Borough Surveyor	5	1 0	106	25·4	26·71	162	123
D	Bromsgrove (Tardebigge Res.) *new g*	A. J. Cullis, Esq., C.E.	5	1 0	455	27·5	31·29	192	138
D	Bromsgrove (Burcot P. S.)	F. H. Bullock, Esq.	5	1 0	432	..	29·28	173	136
D	Barnt Green (Upwood)	Miss M. Gibbins	5	1 0	650	..	32·11	192	146
D	Stourport (Lincombe Lock)	J. E. Bradley, Esq.	5	1 0	62	25·6	25·29	168	128
D	Bromsgrove (Washing Stocks P.S.)	F. H. Bullock, Esq.	5	1 0	366	..	27·66	172	137
D	Bewdley (C. E. School)	J. Bates, Esq.	8	1 0	70	26·4	25·79	154	136
D	Kidderminster (Pumping Stn.)	Sanitary Inspector	5	1 0	103	..	27·07	169	123
D	Kidderminster (Park Hall)	K. H. Wilson, Esq.	5	1 0	200	25·7	28·55	178	141
D	Bewdley (Elan Aqueduct)	J. W. Wilkinson, Esq., C.E.	5	1 0	91	26·7	28·75	169	136
D	Clent Hall	Miss H. M. Wilson	5	1 0	580	..	31·01	168	131
D	Wolverley (Hill Ho.)	J. Christopher Wilson, Esq.	5	0 9	250	..	27·66	175	131
D	Halesowen (Romsley)	F. J. Dixon, Esq., C.E.	5	1 0	614	30·6	34·68	184	152
D	West Hagley (Glenthorpe)	W. Nock, Esq.	5	1 0	400	28·1	30·22	179	139
D	Pedmore (The Dene)	T. Grazebrook, Esq.	5	0 9	340	26·5	28·81	184	144
D	Stourbridge (Pumping Station)	G. P. Deeley, Esq.	8	1 0	212	27·1	31·46	176	130
D	Netherton (Lodge Farm Res.)	Birmingham Canal Navgtn.	5	1 0	445	..	29·61	183	133
D	Dudley (Priory Hall)	F. H. Gibbons, Esq., C.E.	8	1 0	584	..	31·13	188	144
D	Dudley (Blue Coat Sen. Sch.)	S. Wright, Esq.	5	1 3	660	..	27·64	181	138
	Dudley (Trindle House) *new g*	S. Staffs. Mines Drain. Comrs.	5	1 0	575	..	32·46	..	..

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
WORCESTERSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—SEVERN—Upper Avon. 260 sq. mi.								
D Bredon (The Croft)	Jasper Lambert, Esq.	5	1 1	120	24·5	27·18	185	138
D Broadway (Farncombe)	Capt. F. Burges, O.B.E.	5	..	850	..	31·61	170	146
D Birlingham Rectory	Rev. C. Price	5	1 0	70	..	26·23	165	132
D Defford (Upper St.)	A. W. Butler, Esq.	5	5 6	107	24·0	26·36	174	135
D Evesham (Bengeworth)	Messrs. Ross Bros., Ltd.	5	1 0	128	22·9	25·00	160	128
D Evesham (Sewage Works)	J. Abbott, Esq., C.E.	5	1 9	85	22·6	25·77	167	125
D Evesham (High Street)	N. Field Esq.	5	1 1	100	..	25·44	181	127
D Pershore (Three Springs)	C. A. Mumford, Esq.	5	3 0	50	..	27·56	160	131
D Pershore (Southern House)	Miss G. E. Lawson	5	2 3	70	22·2	27·50	173	139
d Evesham (Sheriff's Lench)	Dr. G. E. Harthan	5	1 0	350	..	26·12	..	..
Alcester (Cookhill)	T. Barber, Esq.	5	1 0	400	24·5	29·71	181	..
D Redditch (Hewell Gardens)	Mr. F. Molyneux	5	1 0	469	27·7	31·02	184	146
D Alvechurch (Fairfield)	D. McMichael, Esq., J.P.	5	1 0	400	29·4	32·90	177	127
D Bromsgrove (Lr. Bittall Res.) *new g*	A. J. Cullis, Esq., C.E.	5	1 0	457	..	31·83	185	145
4.—THAMES—Windrush & c. 10 sq. mi.								
5.—TRENT—Right Bank Tributaries. 56 sq. mi.								
D Halesowen (Frankley)	J. W. Wilkinson, Esq., C.E.	5	0 10	571	30·7	33·35	199	151
D Northfield (Frankley Lodge Rd.)	A. A. Barnes, Esq., C.E.	5	1 0	548	..	33·86	195	149
D Oldbury (Barnford Hill Pk.)	W. Greenwood, Esq., C.E.	5	0 9	607	..	33·57	190	149
WARWICKSHIRE. (Area, 902 sq. mi.)								
1.—SEVERN—Upper Avon. 603 sq. mi.								
d Long Compton (Weston Park)	Mrs. H. A. Warriner	8	1 0	510	26·5	31·88	..	135
D Tredington	N. H. Walton, Esq.	5	1 0	200	..	28·89	185	141
D Stratford-on-Avon (Crimscote)	Mrs. E. Canning	5	1 1	230	..	28·79	166	133
D Kineton (Kineton House)	J. Fielden, Esq., J.P.	5	1 6	280	..	28·80	183	143
d Stratford-on-Avon (Milcote)	F. W. Jones, Esq., C.E.	5	1 6	122	23·6	28·06	..	134
D Stratford-on-Avon (Thurlaston)	Miss M. A. Everard	5	0 11	134	24·2	27·83	192	129
D Stratford-on-Avon (Shottery Hall)	R. C. Carter, Esq.	8	1 0	140	23·9	27·73	175	134
D Bidford (Moor Hall) (+A)	E. H. Cubberley, Esq.	5	1 0	125	24·0	27·40	180	130
d Temple Grafton Court	L. Lonsdale, Esq.	8	1 3	270	24·8	25·20	..	..
d Alcester (Ragley Hall)	Mr. C. Harding	5	1 0	270	25·8	30·00	..	131
D STRATFORD-ON-AVON (Clopton Ho.)	A. W. Beecham, Esq.	5	1 0	210	..	26·40	174	126
Ashorne (Victoria Cottage)	G. T. Osborn, Esq.	5	1 0	160	24·7	27·73	..	..
D Stratford-on-Avon (Snitterfield)	F. W. Jones, Esq.	5	1 6	274	25·2	27·42	172	130
D Southam (Stockton House)	G. B. Blyth, Esq.	6	1 6	394	23·1	28·02	173	140
D Studley College	The Headmistress	5	0 9	235	27·0	31·94	161	128
D Warwick Castle Gardens	Mr. H. F. Smale	5	1 0	197	25·3	28·88	170	136
d Warwick (Myton Lodge)	H. M. Blenkinsop, Esq.	8	3 0	174	..	28·48	..	..
D Warwick (St. Nicholas Pk.)	R. Wormell, Esq., C.E.	5	1 0	155	..	29·00	155	131
D LEAMINGTON SPA (Pump Rm. Gdns.)	Medical Officer of Health	8	1 0	163	24·0	27·13	172	133
D Leamington Spa (Campion Ter. PS.)	The Borough Engineer	5	1 0	225	..	28·13	170	142
D Leek Wootton (The Lodge)	W. F. Mitchell, Esq.	5	1 0	249	..	30·84	193	142
D Rugby (Frankton Manor)	Col. W. H. Biddulph, J.P.		1 0	350	..	26·89	177	137
D Dunchurch Hall	C. H. Cooke, Esq.	5	1 1	400	..	29·03	170	133
D Dunchurch Lodge Gardens	Major H. S. Cayzer	5	1 0	380	24·4	30·26	179	142
D Stretton-on-Dunsmore (Manor Ho.)	Mrs. Lister-Kaye	5	1 0	280	..	29·46	168	133
D Rugby (Bilton Grange) *new g*	Mr. J. S. Buckby	5	1 0	400	..	28·91	186	136
D RUGBY (Caldecott)	Headmaster, Rugby School.	5	1 0	390	25·6	28·08	178	139
D Rugby (Avon W.W.)	W. H. Spicer, Esq., C.E.	5	1 0	282	..	29·19	185	132
d Ryton-on-Dunsmore (Ryton Ho.)	Charles Browett, Esq.	5	1 2	260	26·0	32·02	..	131
D Coventry (Whitley P. S.)	City Engineer, Coventry	8	1 0	238	..	29·53	175	137
D Coventry (Stoke) (+A)	W. R. Griffiths, Esq.	5	1 0	267	..	29·90	177	133
D COVENTRY (City Hospital)	Medical Officer of Health	8	1 0	241	26·0	29·72	172	136
D Coventry (Rosehill)	Miss H. Rotherham	5	0 10	330	..	31·29	180	135
d Astley Vicarage	Rev. I. F. H. Carr-Gregg	5	1 0	440	..	28·60	..	132
2.—THAMES—Windrush & c., 2 sq. mi.								
3.—THAMES—Cherwell. 15 sq. mi.								
4.—TRENT—Right Bank Tributaries. 282 sq. mi.								
D Coventry (Balsall St. C. Sch.)*	The Headmaster	5	1 0	400	..	31·63	191	140
D Northfield (Wych Elm)	J. B. Shewell, Esq.	5	1 4	540	29·3	31·44	189	137

* Previously called Balsall Common.

DIVISION VI—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
WARWICKSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—TRENT—Right Bank Tributaries—(*con.*).								
D Highters Heath Res.	J. W. Wilkinson, Esq., C.E.	5	1 0	517	..	30·80	180	142
D Northfield (Bartley Res. No. 1)	A. A. Barnes, Esq., C.E.	5	1 0	600	..	33·51	190	142
D Moseley (Cotton Lane)	U. A. Baker, Esq.	5	1 0	500	..	31·54	188	139
D Bartley (Bromwich Wood)	J. W. Wilkinson, Esq., C.E.	5	1 0	611	..	34·11	193	146
D Selly Oak (Bournville)	Messrs. Cadbury Bros., Ltd.	8	1 0	463	29·1	32·43	201	151
D Selly Oak (Shenley Fields Rd.)‡	Mrs. Neave	8	1 6	530	..	32·28	183	144
D Selly Oak (Frederick Rd.)	W. Garden, Esq.	5	1 0	540	29·2	33·00	197	152
D Birmingham (Sparkhill)	D. H. Owen, Esq.	5	1 0	425	28·1	31·22	175	138
D Birmingham (Edgbaston)	Midland Inst. (A. J. Kelley).	8	1 0	536	26·5	30·98	181	136
D Birmingham (Carpenter Road)	L. Ashby Bolton, Esq.	5	1 1	480	28·1	30·53	196	138
D Birmingham (Icknield Port)	Birmingham Canal Navgtn.	5	1 0	490	..	30·54	184	138
D Birmingham (Stechford)	Birmingham Drainage Bd.).	5	1 6	303	..	27·68	173	140
D Birmingham (Saltby S.W.)	Birmingham Drainage Bd.	5	1 0	292	..	29·36	166	132
D Nuneaton (The Quarry)	Miss K. E. Smith	5	1 0	321	..	31·76	199	150
D Ullesthorpe (High Cross)	J. Parker Toone, Esq.	5	1 0	..	..	29·31	196	127
D Birmingham (Handsworth Pk.) (+A)	The City Engineer	8	1 4	424	..	29·64	169	140
D Whitacre (Birmingham W.W.)	J. W. Wilkinson, Esq., C.E.	5	1 0	269	26·0	25·65	174	136
D Birmingham (Erdington) *new g.*	J. W. Wilkinson, Esq., C.E.	5	1 0	442	..	29·74	176	137
D Birmghm. (Erdington, Spring Ln.)(+A)	The City Engineer.	8	1 0	386	..	30·14	178	142
D Minworth Greaves‡‡ (*new g.*)	Birmingham Drainage Bd.	8	1 6	276	24·3	27·02	168	172
D Nuneaton P.S. (*new g.*)	R. C. Moon, Esq., C.E.	5	0 9	381	..	26·07	167	125
D Nuneaton (Hartshill Sewage Wks.)	R. C. Moon, Esq., C.E.	5	1 2	288	..	27·33	175	128
D Sutton Coldfield (The Park)	Borough Surveyor	5	1 0	370	26·4	30·89	187	142

DIVISION VII—NORTH MIDLAND COUNTIES.

LEICESTERSHIRE. (Area, 824 sq. mi.)

1.—SEVERN—Upper Avon. 41 sq. mi.								
D Welford (The Reservoir)	Grand Union Canal Co.	5	2 0	430	25·1	29·36	190	144
d Lutterworth (Leicester Rd.)	M. W. Binns, Esq.	5	1 0	430	..	(29·54)	(170)	(122)
d Lutterworth (Waterworks)	The Surveyor	8	1 9	414	..	27·95	..	133
2.—WELLAND. 96 sq. mi.								
D Market Harborough (Nithsdale Av.)	G. C. Wooldridge, Esq.	5	1 0	260	..	26·15	190	127
D Market Harboro' (Shrewsbury Ave.)	P. J. Harris, Esq., B.Sc.	5	1 0	350	..	28·56	193	133
d Market Harboro' (Grammar Sch.)	P. J. Harris, Esq., B.Sc.	5	1 0	350	..	26·86	..	..
d Market Harborough (Rose Hill)	G. O. Nicholson, Esq.	5	1 0	350	24·7	28·93	..	129
D Kibworth Beauchamp	Dr. E. V. Phillips	5	1 0	390	25·7	29·70	171	146
D East Norton	Mrs. F. A. Wortley	5	1 0	460	..	28·92	170	129
3.—WITHAM. 7 sq. mi.								
4.—TRENT—Right Bank Tributaries. 680 sq. mi.								
D Frolesworth	W. P. Widdowson, Esq.	5	1 0	370	..	28·05	186	123
D Hinckley (Bowling Green Rd.)	S. Webster, Esq.	5	1 0	300	..	31·27	202	142
D Hinckley (Edward Street)	E. H. Salter, Esq.	5	1 0	425	..	30·93	191	148
D Wistow Hall Gardens	The Lord Cottesloe, C.B.	5	1 0	309	23·6	26·67	159	129
D Countesthorpe (Wigston Sew. Fm.)	The Surveyor	8	0 9	257	22·8	26·87	196	131
d Leicester (London Rd.)	L. Herbert, Esq.	5	4 0	300	..	28·21	..	134
D Leicester (Stoughton Drive)	Theodore B. Ellis, Esq.	5	1 0	315	..	28·96	193	143
D‖ Leicester (Town Hall Square)(+A)	A. T. Gooseman, Esq., C.E.	5	1 0	212	..	30·33	178	143
D Leicester City Mental Hosp.	The Steward	8	1 0	266	24·2	29·55	202	153
D Leicester (Gilroes Cemetery)	A. T. Gooseman, Esq., C.E.	5	1 0	294	..	29·70	171	142
D Osbaston Hall	Sir Thomas Cope, Bart.	8	1 0	393	..	31·15	211	144
d Lowesby Hall Gdns.	A. King, Esq.	5	1 0	480	..	26·46	..	121
D Thornton Reservoir	G. T. Edwards, Esq., C.E.	8	1 2	370	26·2	32·53	172	146
D Cropston (Bradgate Res.)	G. T. Edwards, Esq., C.E.	8	1 0	245	27·2	31·58	190	143
D Barkby Hall	Victor R. Pochin, Esq.	5	1 0	227	24·5	29·24	181	139
D Ulverscroft (Chitterman Ho.)	C. Booth, Esq.	5	0 11	670	..	34·84	189	145
d Netherseal (Chilcote)	F. J. Dixon, Esq., C.E.	5	1 0	240	..	26·39	(169)	(147)
D Swithland (The Brand)	G. T. Edwards, Esq., C.E.	8	1 0	171	26·0	28·03	171	130
d Ashby-de-la-Zouche	Miss A. I. Bayford	5	0 10	450	..	29·79	(175)	(139)

‡ Formerly at Witherford Way. ‡‡ Moved 200 yds. SW. on 31st Dec. 1934.
‖ Record too low, gauge over-sheltered.

DIVISION VII—NORTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LEICESTERSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—TRENT—Right Bank Tributaries—(*con.*).								
D Barrow-upon-Soar (The Mount)	Mrs. A. W. Marshall	5	1 6	..	23·6	26·79	176	124
D Charnwood Forest (Charley Hall)	Mrs. J. B. Martin	5	1 0	500	..	34·15	155	131
D Hoby (The Grange)	A. A. Ironside, Esq.	5	1 0	235	..	25·34	161	115
D Asfordby Hill (Ironworks)	Stanton Ironworks Co., Ltd.	5	1 1	324	..	25·93	191	126
D Melton Mowbray (White Lodge)	H. K. Barker, Esq.	8	1 6	237	22·9	26·55	200	125
D Charnwood For. (Blackbrook R.)	W. Granger, Esq., C.E.	5	1 0	379	26·4	30·20	150	128
D Loughborough (Park Road)	W. Llewellyn Mold, Esq.	5	1 0	190	23·7	27·34	183	125
D Loughborough (Nanpantan Res.)(+A)	W. Granger, Esq., C.E.	5	1 0	269	26·1	30·91	182	129
D Loughborough (Fairmount Drive)	B. N. Wale, Esq., B.Sc.	5	0 6	210	..	28·40	180	131
D Loughborough (The Widenings)	Mrs. A. Butler	5	1 0	197	24·5	29·63	199	145
D Loughborough (Sewage Farm)	W. Granger, Esq., C.E.	8	1 0	135	23·1	23·77	159	110
D Prestwold Hall Gardens	Mr. W. I. Coe	8	1 0	209	24·7	25·51	172	121
Scalford	Melton Mowbray, U.D.C.	8	0 10	343	..	28·17	..	..
D Grantham (Belvoir Cas. Gdns.)	The Duke of Rutland, K.G.	8	1 0	259	25·1	26·06	165	118
RUTLAND. (Area, 152 sq. mi.)								
1.—WELLAND. 125 sq. mi.								
D Uppingham (Ridlington)	C. Wortley, Esq.	5	1 0	534	25·3	28·62	184	133
D Ketton	C. F. Burroughes, Esq.	5	1 7	106	..	22·28	187	124
D Hambleton Manor	Major J. Orr-Ewing, M.C.	5	1 0	400	23·9	27·59	163	129
2.—WITHAM. 5 sq. mi.								
3.—TRENT—Right Bank Tributaries. 22 sq. mi.								
LINCOLNSHIRE. (Area, 2,646 sq. mi.)								
1.—NENE. 100 sq. mi.								
D Tydd (North Level Sluice)	Mr. S. Watson	5	1 0	10	*23·7*	20·96	155	114
2.—WELLAND. 341 sq. mi.								
d Crowland	F. Husband-Clutton, Esq, M.R.C.S.	5	1 0	10	*21·9*	21·57	..	103
D Market Deeping (Wilsthorpe)	W. H. A. Court, Esq., C.E.	8	1 0	51	*20·9*	20·92	160	122
D Spalding (Pode Hole)	H. Bain, Esq.	8	1 3	12	23·5	23·87	208	131
D Bourne (Guthram)	F. Sanderson Robins, Esq., C.E.	8	1 6	19	*21·1*	24·66	171	132
3.—WITHAM & C. 1085 sq. mi.								
d Stainby Rectory	Rev. W. L. de B. Thorold	4	0 9	496	*24·5*	24·67	..	110
D Denton Manor	Sir C. G. E. Welby, Bt., C.B.	5	1 0	310	*25·6*	27·29	177	125
D Grantham (Saltersford)	A. E. Musgrave, Esq.	5	0 6	188	*24·1*	24·91	184	129
D Grantham (Central School)	The Headmaster	5	0 8	191	..	25·05	156	109
D Wyberton (Tytton Hall)	V. A. C. Durand, Esq.	5	1 0	10	..	23·06	167	124
d Fishtoft School	W. Rimington, Esq.	5	1 0	0	*20·8*	22·65	..	..
D Boston (Black Sluice, Skirbeck)	F. S. Robins, Esq., C.E.	8	1 3	11	22·8	21·82	165	122
D Boston (Grand Sluice)	F. H. Tomes, Esq., C.E.	8	1 0	10	*22·9*	22·34	160	122
D Boston (Bargate End)	A. O. Scrivener, Esq.	8	1 4	9	*21·6*	20·95	165	114
d East Heckington	V. A. C. Durand, Esq.	5	1 0	15	..	22·13	..	108
D Leasingham Rectory	Rev. A. R. Tucker	5	1 6	100	..	21·85	153	121
D Cranwell (Aerodrome) (+A)	Officer-in-Charge	8	1 0	236	23·2	25·79	172	125
d New Leake (Lade Bank Engine)	V. A. C. Durand, Esq.	5	1 0	10	*22·6*	22·40	..	114
D Carrington Grange	T. J. Ward, Esq.	5	4 0	13	*23·4*	26·57	163	129
D Wellingore	Rev. Canon H. Powell Smith	5	1 0	246	*23·3*	29·51	199	139
D Boston (Eastville)	V. A. C. Durand, Esq.	5	1 0	10	..	22·65	184	120
D Navenby Rectory	J. Thompson, Esq.	5	1 0	218	*24·5*	30·60	159	126
D Carlton-le-Moorland	J. Brocklebank, Esq.	5	1 2	50	*23·3*	27·79	160	128
D Blankney Hall Gardens	Mr. N. G. Cleaver	5	0 9	57	*24·0*	26·16	172	120
D East Kirkby (E. Kirkby Manor)	Capt. R. S. Fieldsend	5	1 0	35	*23·8*	27·12	174	132
d Revesby Reservoir	T. H. Tyson, Esq.	5	2 0	124	24·5	23·60	..	117
D Woodhall Spa (Waterworks)	W. Jeffrey, Esq.	5	1 0	45	..	22·65	155	115
D Woodhall Spa (Galen House)	J. Collins, Esq.	5	1 0	38	*22·9*	23·80	149	110
D Woodhall Spa	J. Collins, Esq.	5	1 0	42	*23·4*	23·56	149	108
D Horncastle	F. J. Harvey, Esq.	5	1 0	120	*24·8*	25·04	177	116
D Lincoln (Swallowbeck)	W. R. Pennell, Esq.	8	1 0	34	*22·9*	24·38	173	114
D Lincoln (Skellingthorpe Hall)	A. H. Bergne-Coupland, Esq.	5	1 0	40	23·1	26·22	160	117
D Sudbrooke (The Manor Ho.)	Miss A. M. Scorer	5	1 0	55	..	26·16	166	115
D Hackthorn Hall	Major W. C. Amcotts, M.C., J.P.	5	4 8	102	*23·2*	26·03	174	118
D Springthorpe Rectory	Rev. B. Davies	5	1 0	73	*23·6*	25·07	170	124

DIVISION VII—NORTH MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LINCOLNSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—GREAT EAU & C. 443 sq. mi.								
D Little Steeping	V. A. C. Durand, Esq.	5	1 0	10	..	22·56	157	117
D Skegness (Marine Gardens)	The Surveyor	8	1 0	15	23·3	22·07	167	110
D East Keal Rectory *new* g	Rev. R. H. Simpson	5	1 0	180	*25·2*	25·01	171	127
D Spilsby	J. E. Bolt, Esq.	5	1 4	124	*26·3*	26·44	167	134
D Hagworthingham (Manor House)	W. W. Clark, Esq.	5	1 0	200	*27·2*	27·56	149	125
D Mablethorpe (Trusthorpe Hall)	I. N. Woodiwiss, Esq	8	1 3	10	*25·2*	24·35	177	118
D Mablethorpe	Borough Surveyor	5	1 0	7	*24·0*	24·34	160	113
D Louth (Westgate)	The late Rev. W. E. Yates.	5	0 9	120	28·0	29·06	181	121
D Wold Newton Manor	W. Maurice Wright, Esq.	5	1 6	230	*27·2*	30·15	195	134
D Grainsby Hall	Mr. J. Butters	5	1 0	75	*27·2*	28·93	197	137
5.—HUMBER—Right Bank Tributaries. 428 sq. mi.								
D North Willingham House	Mrs. Charles Wright	5	3 0	125	*28·6*	33·14	211	155
D Glentham (Bishop Bridge)	A. R. Haynes, Esq.	5	1 1	20	..	28·41	163	124
D Brigg (Thornholme)	E. I. Brown, Esq.	5	1 5	22	..	24·57	154	111
D Brigg (Wrawby Road)	A. R. Haynes, Esq.	5	1 1	22	*25·0*	24·86	154	114
D Cleethorpes (Kings Parade)	The Engineer & Surveyor	5	1 0	23	*24·0*	26·18	165	116
D Grimsby (Little Coates, P.S.)	The Engineer & Manager	5	1 0	14	..	27·48	184	125
D Grimsby (Portland Place)	W. J. Wood, Esq., C.E.	5	1 8	13	*24·7*	30·36	191	143
D Grimsby (Westlands)	Major G. L. Bennett	5	1 0	23	*23·7*	26·30	161	128
D Brocklesby Park	Mr. J. Chisholm	5	1 2	90	*27·0*	27·65	173	127
D Immingham (Compressor Stn.)	Grimsby R.D.C.	5	1 1	13	..	25·52	162	119
D Ulceby (Wootton Lodge)	H. M. Webb, Esq.	5	1 0	100	*27·1*	27·55	159	125
D Normanby	R. S. Long, Esq.	5	1 0	180	..	25·20	161	120
D Ferriby Sluice	F. Straw, Esq.	5	1 0	18	*24·5*	25·48	169	123
6.—TRENT—Right Bank Tributaries. 172 sq. mi.								
d Woolsthorpe	L. & N. E. Rly. Co.	5	1 3	182	*23·4*	24·33	..	118
D Torksey	Miss M. Burtt	5	3 0	18	*23·2*	28·80	162	128
d Gate Burton Hall	The Hon. Mrs. Sandars	5	4 0	97	*23·1*	23·10	..	106
D Scunthorpe (Brumby Senior Sch.)	The Headmaster	5	1 0	100	..	25·13	160	118
D Scunthorpe (Henderson Av. Sch.)	W. E. Ramsden, Esq.	5	3 6	140	..	24·46	165	126
7.—TRENT—Left Bank Tributaries. 77 sq. mi.								
D Wroot (S. Level Pump Station)	G. H. Simmons, Esq., C.E.	10	1 6	8	*21·7*	26·33	159	108
d Crowle (N. Level Pump Station)	G. H. Simmons, Esq., C.E.	5	2 0	10	*22·0*	23·13	..	..
D Crowle (Snowdrop Villa)	Crowle Drainage Board	5	1 0	15	..	23·19	165	119
NOTTINGHAMSHIRE. (Area, 843 sq. mi.)								
1.—WITHAM. 10 sq. mi.								
2.—TRENT—Right Bank Tributaries. 218 sq. mi.								
D Sutton Bonington (Agric. Coll.)	(+A) The Principal	5	1 0	157	21·7	26·38	162	124
D Ruddington (Westlands)	J. D. Walker, Esq.	5	1 0	100	24·3	26·54	179	122
d Nottingham (Wilford Hill Res.)	F. W. Davies, Esq., C.E.	8	1 0	295	23·1	27·79	..	..
D East Bridgford	G. W. Beaumont, Esq.	5	1 0	150	..	24·40	156	120
D Newark	J. H. Clarke, Esq., C.E.	5	0 9	43	23·4	26·13	156	115
D Newark (Sewage Works)	J. H Clarke, Esq., C.E.	5	1 0	33	..	25·27	153	111
d North Collingham	Miss M. Bergne-Coupland	5	1 6	40	..	27·03	..	..
3.—TRENT—Derwent. 2 sq. mi.								
4.—TRENT—Erewash. 42 sq. mi.								
D Nottingham (Strelley)	Miss Edge	8	1 0	386	26·2	30·49	193	134
D Nottingham (Strelley Hall) *new g.*	Miss Edge	5	1 0	377	..	30·38	171	128
D Bulwell (Watnall Reservoir)	F. W. Davies, Esq., C.E.	8	1 0	468	29·0	31·16	172	136
D Eastwood Waterworks	F. W. Davies, Esq., C.E.	8	1 3	243	25·9	33·18	182	132
d Eastwood Hall	Messrs. Barber, Walker & Co., Ltd.	5	1 0	218	..	32·70	..	126
D Eastwood (Moorgreen Res.)	L. & N. E. Rly. Co.	5	2 0	301	27·4	30·76	173	130
5.—TRENT—Left Bank Tributaries. 569 sq. mi.								
D Attenborough	Messrs. Granger	8	1 0	89	..	27·36	183	117
D Beeston (Council Depot)	E. A. Bush, Esq.	5	1 0	121	24·5	27·41	165	125
d Bramcote Reservoir	F. W. Davies, Esq., C.E.	8	1 0	327	..	27·33	..	..
D Nottingham (Trent Lane)	(+A.) R. M. Finch, Esq., C.E.	8	1 0	83	22·5	27·94	180	125
D Nottingham (The Castle)	R. M. Finch, Esq., C.E.	8	1 0	192	23·6	26·97	182	126
d Nottingham (Colwick Hill Res.)	F. W. Davies, Esq., C.E.	8	1 0	314	..	25·90	..	123
Nottingham (Stoke Bardolph)	R. M. Finch, Esq., C.E.	8	1 0	66	22·6	25·95	..	..
D Nottingham (Mapperley Hill)	Dr. D. Macmillan	8	1 0	400	24·9	27·34	181	130
D Bagthorpe (Isolation Hospital)	Dr. Cyril Banks	8	2 0	190	25·3	28·30	189	125
D Nottingham (Basford W.W.)	F. W. Davies, Esq., C.E.	8	1 0	168	24·3	27·63	168	128

DIVISION VII—NORTH MIDLAND COUNTIES—(*con.*).

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	NOTTINGHAMSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	5.—TRENT—Left Bank Tributaries—(*con.*)								
d	Burton Joyce Waterworks	F. W. Davies, Esq., C.E.	8	1 0	65	25·2	28·17	..	122
d	Nottingham (Woodthorpe)	A. B. Tinn, Esq.	5	1 0	225	..	(28·47)	(181)	(134)
	Bulcote (Corporation Farm)	R. M. Finch, Esq., C.E.	10	1 3	65	23·6	27·06	169	..
	Lowdham (Chilwell Nurseries)	A. J. Pearson, Esq.	5	1 0	90	..	26·44	..	..
D	Bulwell (Bestwood W.W.)	F. W. Davies, Esq., C.E.	8	1 0	312	25·7	27·31	179	122
D	Daybrook (Red Hill Reservoir)	F. W. Davies, Esq., C.E.	8	1 0	404	26·8	30·43	203	135
D	Daybrook (Ramsdale Hill Res.)	F. W. Davies, Esq., C.E.	8	1 0	504	28·1	31·27	212	130
D	Bulwell Hall Park	R. M. Finch, Esq., C.E.	8	1 0	252	27·3	30·03	175	129
D	Papplewick (Waterworks)	F. W. Davies, Esq., C.E.	8	1 0	317	27·0	32·31	179	133
D	Southwell (The Residence)	Ven. Archd. W. J. Conybeare.	5	1 0	100	24·7	26·79	158	124
D	Southwell (The Nurseries)	H. Merryweather, Esq.	5	1 0	125	..	27·25	164	118
d	Sutton-in-Ashfield (Rushley P.S.)	Messrs. G. & F. W. Hodson.	5	1 0	462	27·1	29·94	..	..
D	Sutton-in-Ashfield (Sewage Wks.)	F. J. Grierson, Esq.	5	1 0	453	28·9	32·03	173	136
d	Mansfield (Rainworth W.W.)	J. Gibson, Esq., C.E.	5	1 0	360	27·5	28·09	..	121
D	MANSFIELD (Carr Bank)	Borough Surveyor	8	0 10	357	..	31·69	163	132
D	Mansfield (Crow Hill)*	W. Pickard, Esq.	8	1 0	405	27·6	34·37	191	142
D	Clipstone Waterworks	J. Gibson, Esq., C.E.	5	1 0	225	25·9	25·69	146	119
	Warsop	The Surveyor	8	1 0	192	..	28·52	203	128
D	Ollerton (Boughton W.W.)	F. W. Davies, Esq., C.E.	8	1 0	141	24·6	24·97	173	120
d	Ollerton (Thoresby Gardens)	Mr. A. J. Simmons.	5	1 0	125	26·6	27·27	..	129
D	Welbeck Abbey	Mr. Chas. Harris	8	0 10	196	..	27·07	176	124
D	Clumber Gardens	The Agent	5	1 0	164	..	27·96	150	124
D	Elkesley Pumping Station	Lincoln W.W.	5	1 0	120	24·0	24·46	146	114
D	Worksop (Bracebridge S.W.)	The Boro' Engineer	8	1 0	97	..	25·68	168	120
D	Worksop (Osberton Gardens)	Head Gardener	5	1 0	70	23·8	23·17	163	122
d	Retford (Morton Hall)	W. H. Mason, Esq.	9	1 0	140	23·7	25·65	..	..
D	Retford (Sewage Disposal Wks.)	R. E. Wilson, Esq.	5	1 0	74	..	27·07	155	126
D	Retford (Babworth Hall)	Major J. A. C. Whitaker.	5	1 0	98	22·9	24·15	143	118
D	Worksop (Wigthorpe Hill)	R. C. P. Ramsden, Esq.	5	1 0	100	23·7	25·17	167	122
D	WORKSOP (Hodsock) (+A.)	E. Dixon, Esq.	8	1 0	56	23·6	24·73	178	118
D	Harworth Colliery	Messrs. Barber, Walker & Co.	5	1 0	120	..	25·80	157	121
D	Bircotes (Council School)	The Headmaster	5	1 0	100	..	25·99	146	109
D	Scrooby	J. Mallender, Esq., F.R.H.S.	5	1 0	40	23·1	27·53	193	123
D	Bawtry Hall (The Gardens)	Mr. F. E. Hogbin	5	1 0	31	23·1	27·62	156	118
D	Bawtry Council Sch.	J. Rushworth, Esq.	5	1 0	37	..	27·47	157	119
D	Misterton (Soss P. Station)	G. H. Simmons, Esq	.	4 6	21	..	20·31	163	111
	6.—OUSE—Don. 2 sq. mi.								
	DERBYSHIRE. (Area, 1,029 sq. mi.).								
	1.—MERSEY, UPPER. 93 sq. mi.								
D	Fernilee (Wythen)	T. Dearden, Esq.	5	1 0	1100	..	49·95	219	176
D	Fernilee (Upr. Hall Farm)	T. Dearden, Esq.	5	1 0	960	..	51·20	218	178
	Sett (Dimpus)	T. Dearden, Esq.	5	..	1250	..	55·99	..	..
D	Hayfield (Kinder Filters)	T. Dearden, Esq.	5	1 6	800	..	50·19	225	181
	Park Hall (Middle Moor)	T. Dearden, Esq.	5	..	1170	..	50·52	..	..
	Ashop Clough (Sandy Heys)	T. Dearden, Esq.	5	..	2040	..	64·17	..	..
	Hayfield (Laygateh'd Moor) *new site*	T. Dearden, Esq.	5	..	1530	..	55·52	..	..
	Upper Hollingworth Clough	T. Dearden, Esq.	5	..	1625	..	50·18	..	..
D	Glossop W.W. (Swineshaw)	Geo. Faulds, Esq., C.E.	12	1 0	733	43·2	43·50	211	170
	Bleaklow Hill (Dowstone Rocks)	Manchester Corpn. W.W.	5	1 0	1718	..	64·81	..	..
	Bleaklow Hill (Far Black Clough)	Manchester Corpn. W.W.	5	1 0	1683	..	67·17	..	..
	2.—MERSEY—Weaver. 2 sq. mi.								
	3.—TRENT—Right Bank Tributaries. 68 sq. mi.								
D	Stanton-by-Bridge W.W.	H. Raven, Esq., C.E.	8	1 2	144	24·2	29·35	193	129
	4.—TRENT—Dove. 156 sq. mi.								
d	Rodsley Pumping Station	The Engineer	5	1 0	405	..	34·46	(194)	(156)
D	Ashbourne (Windmill Lane)	Rev. E. R. Redfern	5	1 4	535	..	35·38	190	143
D	Hognaston Vicarage	Rev. C. L. O'Ferrall	5	1 4	650	..	40·01	192	157
	5.—TRENT—Left Bank Tributaries. 84 sq. mi.								
D	Etwall (Blakeley Lodge)	G. Edge Laban, Esq.	5	1 4	190	24·1	27·06	158	134
D	Etwall (Sewage Farm)	Mr. B. Hydes.	5	1 8	201	23·2	28·33	161	143
D	Etwall Hall	Col. M. Dawson	5	1 3	235	..	29·17	168	133
	Shardlow	M. R. Evans, Esq.	5	1 0	111	..	25·99	..	..

*Formerly called West Bank, gauge moved 100 yds E., 1.1.35.

DIVISION VII—NORTH MIDLAND COUNTIES—(*con.*).

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	DERBYSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	5.—TRENT—Left Bank Tributaries—(*con.*).								
D	Mickleover (C. Mental Hospital)	Medical Superintendent	5	0 9	290	24·4	27·23	173	128
D	Littleover (The Knoll)	W. Blews Robotham, Esq.	5	1 0	300	25·2	29·77	194	143
D	Littleover (Hilltop)	E. McInnes, Esq.	5	1 0	346	25·8	30·41	195	124
	6.—TRENT—Derwent. 428 sq. mi.								
D	Spondon (Derby Sewage Wks.)	E. H. Bennett, Esq., C.E.	5	1 3	135	25·5	27·57	165	115
D	Derby (Park Grove)	Messrs. J. Davis & Son, Ltd.	5	1 0	198	..	30·95	173	139
d	Derby (L. M. & S. Railway)	F. J. Dutton, Esq.	5	1 0	156	25·1	27·89	..	..
D	Derby (Royal Infirmary)	W. Banks, Esq.	5	1 0	190	26·3	30·78	175	153
D	Derby (The Arboretum) (+A)	E. H. Bennett, Esq., C.E.	6	1 6	196	26·2	27·63	175	128
D	Derby (Markeaton Park)	E. H. Bennett, Esq., C.E.	5	1 6	190	..	30·35	179	139
D	Mackworth House	The late Preb. W. G. Clark-Maxwell.	5	1 0	285	..	29·36	159	130
D	Breadsall Priory	E. S. Haslam, Esq.	5	1 6	370	..	34·61	170	133
D	Duffield (The Kirkstyles)	Messrs. J. Davis & Son, Ltd.	5	1 0	235	28·3	35·63	194	144
d	Heanor (Denby)	J. R. Groom, Esq.	5	1 0	440	..	38·29	..	131
D	BELPER (Herbert Strutt SCHOOL)	The Principal	5	0 8	222	29·9	31·96	183	131
D	BELPER (QUARRY BANK)	J. Hunter, Esq., C.E.	5	0 10	280	29·7	33·08	187	144
D	Ambergate Reservoir....No. 61	Derwent Valley Water Bd.	5	1 0	700	28·9	34·79	186	148
d	Wirksworth (Derby Road)	The Surveyor, U.D.C.	5	1 0	500	..	38·69	..	123
D	Whatstandwell (Meerbrk. Sough)	Messrs. G. & F. W. Hodson.	5	0 6	246	33·6	37·77	196	148
D	Brackenfield (Lindway Res.)	R. F. Ward, Esq., C.E.	5	1 0	595	31·9	35·29	173	145
D	Matlock Bath (Lower Tower)	Miss E. Chadwick	5	1 1	500	33·7	37·89	191	153
D	Matlock (Rockside Hydro.)	J. H. Goodwin, Esq.	5	1 0	637	32·6	35·51	191	139
D	Darley Dale (Whitworth Inst.)	E. Evans, Esq.	5	1 0	361	32·9	39·32	188	140
D	Clay Cross (Press Reservoirs)	Gilbert Frith, Esq., C.E.	8	1 0	810	31·7	33·58	193	132
M	Buxton (Hurdlow Top)	L. M. & S. Rly. Co.	8	1 10	1267	..	65·67	..	..
D	Chatsworth Gardens	Mr. J. G. Weston	5	1 0	436	34·7	33·89	183	145
D	Baslow (Titheacre)	Mrs. S. E. Milner, O.B.E.	5	1 6	500	..	39·71	201	166
D	Buxton (Portobello Bar)	F. Langley, Esq., C.E.	8	1 0	1600	55·9	54·52	222	179
D	Buxton (Stanley Moor)	F. Langley, Esq., C.E.	8	1 0	1340	52·1	54·20	222	177
D	Buxton (Burbage Edge)	F. Langley, Esq., C.E.	8	1 0	1400	52·8	51·82	222	177
D	Buxton (Ashwood Dale S.W.)	V. Longbottom, Esq.	5	3 0	1010	..	54·35	222	184
D	BUXTON (Terrace Slopes)	The Town Clerk	8	1 0	1007	48·4	58·11	206	179
D§	Buxton (Lightwood)	F. Langley, Esq., C.E.	8	0 11	1191	..	50·53	207	174
D	Bamford (Engineer's Office) No. 60	Derwent Valley Water Bd.	8	1 0	510	37·8	47·54	231	172
D	Bamford Filters....No. 70A	Derwent Valley Water Bd.	8	1 0	656	39·1	46·97	224	172
W	Froggatt Edge (Stoke Flat)	J. G. Bown, Esq.	5	1 0	960	36·5	43·59	..	..
D	Holmesfield (Barbrook Res.)	Gilbert Frith, Esq., C.E.	8	1 0	1080	35·6	44·44	217	169
	Holmesfield (White Edge)	Sheffield Corporation W.W.	5	1 0	1209	..	43·19	..	..
D	Burbage (Lower Burbage) (+A)	Sheffield Corporation W.W.	8	1 0	924	36·2	43·90	211	160
D	Hope (Cement Works)	Messrs. G. & T. Earle, Ltd.	5	1 0	580	..	49·10	202	162
D	Hope (Killhill Bridge)....No. 56	D. W. Chadwick, Esq.	5	1 0	500	40·4	48·28	217	172
d	Bamford (Yorkshire Br. Weir) 59A	Derwent Valley Water Bd.	5	1 0	540	36·7	46·16	..	..
	Ladybower ....No. 73	Derwent Valley Water Bd.	5	1 0	980	..	53·38	..	..
D	Derwent Vicarage ....No. 67A	Derwent Valley Water Bd.	8	1 0	675	43·6	51·58	211	174
	Hagg Farm ....No. 81	Derwent Valley Water Bd.	8	1 0	715	..	59·16	..	..
D	Ashop Weir....No. 80	Derwent Valley Water Bd.	5	1 0	793	..	69·61	225	186
D	Fairholmes (Nursery)....No. 26A	Derwent Valley Water Bd.	5	1 0	685	42·8	57·95	213	171
	Middle Seal Clough ....No. 79	Derwent Valley Water Bd.	5	1 0	1075	..	64·42	..	..
	Nether Red Clough ....No. 78	Derwent Valley Water Bd.	5	1 0	1370	..	68·63	..	..
M	Hayfield (Ashop Head)....No. 43	Derwent Valley Water Bd.	5	1 0	1650	..	56·20	..	..
	Ashop Head ....No. 43A	Derwent Valley Water Bd.	5	1 0	1680	..	67·40	..	..
	Ouzelden Clough ....No. 75	Derwent Valley Water Bd.	5	1 0	890	..	62·00	..	..
	Alport Moor (Alport Castles) No. 82	Derwent Valley Water Bd.	5	1 0	975	..	65·99	..	..
W	Derwent Dale (Birchinlee) No. 23	Derwent Valley Water Bd.	8	1 0	870	50·3	62·66	..	..
M	Lady Clough Moor....No. 41B	Derwent Valley Water Bd.	5	1 0	1725	50·3	68·90	..	..
M	Coldharbour Moor (Summit) No. 39	Derwent Valley Water Bd.	5	1 0	1670	..	55·75	..	..
	Featherbed Top ....No. 77	Derwent Valley Water Bd.	5	1 0	1665	..	62·47	..	..
D	Derwent Dale (Howden Dam) .17	Derwent Valley Water Bd.	8	1 0	829	47·7	56·18	226	177
M	Derwent Dale (Ridge Farm) ..13A	Derwent Valley Water Bd.	5	1 0	883	52·4	64·52	..	..
M	Alport Moor (Glethering Cl.)...40	Derwent Valley Water Bd.	5	1 0	1640	..	49·97	..	..
M	Alport Moor (Glethering Cl.)..40A	Derwent Valley Water Bd.	5	1 0	1640	..	64·47	..	..
M	Westend Moor (Blacklow Cote) 15A	Derwent Valley Water Bd.	5	1 0	975	51·3	63·41	..	..

§ Exposure unorthodox.

DIVISION VII—NORTH MIDLAND COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	DERBYSHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	6.—TRENT—Derwent.—(*con.*).								
M	Westend Moor	No. 10. Derwent Valley Water Bd.	5	1 0	1560	..	60·11	..	..
M	Alport Moor	No. 38B Derwent Valley Water Bd.	5	1 0	1770	54·4	70·72	..	..
	Deep Grain	No. 74 Derwent Valley Water Bd.	5	1 0	1350	..	65·21	..	..
M	Derwent Dale (Slippery Stones)	62. Derwent Valley Water Bd.	5	1 0	908	49·4	58·48	..	..
M	Ridgewalk Moor	No. 9. Derwent Valley Water Bd.	5	1 0	1650	..	61·61	..	..
M	Broadhead Clough	No. 63. Derwent Valley Water Bd.	5	1 0	1005	52·8	61·68	..	..
	Barrow Clough	No. 71. Derwent Valley Water Bd.	5	1 0	1330	..	71·50	..	..
	7.—TRENT—Erewash. 50 sq. mi.								
D	Long Eaton (Town Hall)	H. Raven, Esq., C.E.....	8	0 10	105	23·4	26·96	168	120
d	Ilkeston (New Stanton).....	Stanton Ironworks Co., Ltd.	5	1 6	150	25·2	28·90	(181)	(159)
D	Ilkeston (Sewage Works)	The Borough Surveyor.....	5	1 11	132	..	26·34	169	121
D	Codnor (Cross Hill).....	A. F. Pine, Esq.....	5	1 0	394	27·7	40·08	182	142
D	Codnor Park.....	L. M. & S. Rly. Co.....	5	1 0	243	..	35·01	194	147
	8.—OUSE—Don. 148 sq. mi.								
D	Chesterfield (Walton San.).....	Dr. A. Niven Robertson....	5	1 0	450	29·5	34·13	174	125
D	Chesterfield (Linacre Res.).....	Chesterfield Water Board...	8	1 0	430	30·4	36·84	205	152
D	Chesterfield (Linacre Res.).....	Chesterfield Water Board...	5	1 0	475	29·7	35·62	205	152
D	Chesterfield (Sewage Works).....	S. Thornhill, Esq.....	5	1 0	223	24·9	32·00	174	131
D	Chesterfield (Crowhole Res.)	Gilbert Frith Esq., C.E. ...	8	1 0	690	..	35·59	159	145
D	Horsley Gate.....	Miss E. Wilson.....	5	1 0	650	..	41·43	199	160
D	Spinkhill (Mt. St. Mary's College)	.Rev. L. Cardwell, S.J.	5	1 0	340	..	30·77	187	134

DIVISION VIII—NORTH-WESTERN COUNTIES.

CHESHIRE. (Area, 1,027 sq. mi.).

	1.—MERSEY, UPPER. 200 sq. mi.								
D	Langley (Twelve Ashes).....	E. Hamson, Esq., C.E.....	6	0 9	903	..	47·13	190	167
D	Langley (Trentabank Res.).....	E. Hamson, Esq., C.E.....	6	0 9	854	..	46·43	190	163
D	Langley (Bottoms Res.).....	E. Hamson, Esq., C.E.....	5	1 3	664	38·5	41·95	204	171
D	Macclesfield (Leadbeaters Res.)....	E. Hamson, Esq., C.E.....	5	1 0	608	33·1	36·44	189	161
D	MACCLESFIELD (West Park)	E. Hamson, Esq., C.E.....	5	1 0	500	34·1	42·86	193	171
D	Rainow (The Clough).....	Miss Anna Neave.....	5	1 3	815	34·4	41·28	206	161
D	Knutsford (Hazelfield).....	H. P. Ashworth, Esq.....	5	1 0	213	30·3	34·32	193	158
D	Alderley Edge (Elm Grove)	E. H. Morris, Esq.	5	1 0	300	..	34·49	197	145
D	Taxal (Oldfield)	T. Dearden, Esq.....	5	1 6	820	..	54·10	213	176
D	Kettleshulme (Glebe House).....	A. Y. Barker, Esq.....	5	1 6	850	39·6	43·44	215	171
D	Whaley Bridge (Taxal Lo.).....	Mrs. Ramsden-Jodrell, C.B.E.	5	1 0	700	..	44·68	196	156
d	Whaley Bridge (Todds Brook).....	Mr. F. Bowden.....	5	1 0	602	41·5	47·68	224	168
D	Disley (Lyme Park)	T. Dearden, Esq.	5	1 0	674	..	33·57	191	155
D	Disley (Lyme Park)	T. Dearden, Esq.	5	1 0	720	..	34·25	191	160
D	Disley (Higher Stoneridge)	T. Dearden, Esq.....	5	1 0	750	..	39·01	195	164
D	Runcorn (Weston Point).....	Weaver Navigatn. Trustees.	8	1 4	17	31·3	31·58	181	153
D	Appleton Reservoir..... *new g.*.	Warrington W.W.	5	1 0	120	..	33·23	189	157
D	Moore (Uplands).....	Lt.-Com. G. K. Rylands, R.N., J.P.	5	1 0	120	..	30·58	196	147
D	High Lane (Lyme View).....	S. Arrowsmith, Esq.....	5	1 0	602	..	34·65	203	157
D	Thelwall (The Clough).....	E. W. Reynolds, Esq.....	5	1 0	95	31·4	33·53	205	165
D	Thelwall Lea	E. H. Rideout, Esq.	5	1 0	90	..	30·02	190	156
D	Altrincham (Norman's Pl.). *new g.*.	Miss G. A. Griffiths.....	5	1 0	150	..	32·10	185	152
	Cheadle (Adswood).....	R. W. Wright, Esq.....	5	1 0	186	..	31·65	..	..
D	Stockport (Isolation Hospital).....	Medical Officer of Health...	5	1 2	285	..	30·78	190	149
D	Sale (Sewage Works)	The Manager	5	0 10	..	..	35·75	186	156
D	Romiley (Greave)	F. Edwards, Esq.	5	1 0	510	..	39·02	216	164
	Godley Reservoir, *new g.*.....	Manchester Corpn. W.W....	5	1 0	488	..	36·41	204	156
D	Dukinfield (Higher Reservoir).....	M. T. B. Whitson, Esq., C.E.	8	1 6	495	..	30·90	190	149
D	Dukinfield (Lower Reservoir).....	M. T. B. Whitson, Esq., C.E.	5	1 0	435	33·0	35·67	190	157
	Torside (Clough Edge)	Manchester Corpn. W.W. ..	5	1 0	1452	..	60·06	..	..
	Arnfield Reservoir, *new g.*.....	Manchester Corpn. W.W....	5	1 0	512	..	41·99	206	165
	Rhodes Wood Reservoir, *new g.*....	Manchester Corpn. W.W....	5	1 0	545	..	48·75	213	173
	Hollingworth Hall Moor	Manchester Corpn. W.W. ..	5	1 0	1194	..	46·93	..	..
	Torside Reservoir, *new g.*.....	Manchester Corpn. W.W....	5	1 0	669	..	51·55	223	185
D	Stalybridge (Market Ground Yd.)..	M. T. B. Whitson, Esq., C.E.	5	1 0	373	..	38·86	194	163
D	Stalybridge (Brushes Filter Ho.)...	M. T. B. Whitson, Esq., C.E.	5	1 6	615	39·2	44·85	213	171
	Swineshaw Moor (Lees Hill).....	M. T. B. Whitson, Esq., C.E.	5	1 0	1168	38·6	46·99	..	..
	Woodhead Reservoir, *new g.*.....	Manchester Corpn. W.W....	5	1 0	665	48·3	54·62	236	197
	Arnfield Moor	Manchester Corpn. W.W...	5	1 0	1290	..	54·33	..	..

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
CHESHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—MERSEY, UPPER—(*con.*).								
§Crowden (Span Gutter)	Manchester Corpn. W.W...	5	1 0	1530	45·0	65·86	..	..
Pikenaze Moor (Audernshaw C.)	Manchester Corpn. W.W....	5	1 0	1148	..	68·27	..	..
M§Woodhead (Pikenaze)	Manchester Corpn. W.W....	5	1 0	926	..	54·59	..	..
Swineshaw Moor (Boar Flat)	Manchester Corpn. W.W....	5	1 0	1190	..	54·04	..	..
Westend Moor (Stonefold)	Manchester Corpn. W.W....	5	1 0	1691	..	68·22	..	..
Withens Moor (West Withens)	Manchester Corpn. W.W....	5	1 0	1382	..	75·39	..	..
Crowden (Meadow Clough)	Manchester Corpn. W.W....	5	1 0	1425	..	72·47	..	..
Long Ridge Moss (Near Broadslate)	Manchester Corpn. W.W....	5	1 0	1663	..	73·36	..	..
Longside Moss	Manchester Corpn. W.W. ..	5	1 0	1418	..	74·25	..	..
Upper Heyden, *new g.*	Manchester Corpn. W.W....	5	1 0	1708	..	70·11	..	..
§Grains Moss	Manchester Corpn. W.W....	5	1 0	1573	..	67·21	..	..
2.—MERSEY—Weaver. 489 sq. mi.								
D Wirswall Hall	F. H. Illingworth, Esq.....	5	1 2	505	..	29·66	205	154
D Nantwich (Baddiley W.W.)	Nantwich U.D.C.	5	1 0	231	28·3	31·56	184	150
D Nantwich (Dorfold Hall)	Weaver Navigatn. Trustees	8	1 0	190	28·8	33·25	204	153
D Nantwich (Reaseheath Hall)	Weaver Navigatn. Trustees.	8	1 0	130	29·1	32·23	179	145
d Crewe (Weston Lane)	L. M. & S. Rly. Co.....	12	4 0	176	28·2	32·46	(198)	(156)
D Crewe (Isolation Hospital)	Leonard Reeves, Esq., C.E..	5	1 0	172	27·6	34·67	193	152
d Sandbach School	W. McDonald Porter, Esq. .	5	1 0	220	..	(32·57)	..	..
D Congleton (Sewage Works)	The Borough Surveyor.....	5	1 0	248	..	36·60	201	162
D Congleton (Buglawton Sch.) *new g.*	Weaver Navigation Trustees	8	1 0	347	..	(36·62)	193	166
D Congleton (Buglawton Vic.) *new g.*	Weaver Navigation Trustees	8	1 0	307	30·5	38·11	207	176
D Tarporley (Tirley Garth Gdns.)	Mr. J. B. Allan.....	5	3 6	450	30·0	33·20	195	147
D Middlewich	I.C.I. (Alkali) Ltd.....	5	1 0	138	..	31·99	188	145
D Middlewich (Bostock Hall), *new g.*	Cpt. W. H. France-Hayhurst	5	1 0	157	30·3	34·20	183	154
D Delamere (Linmere)	Forestry Commission.....	8	0 9	250	..	35·71	211	157
D Hartford (Hollybank)	Giles Owen, Esq.....	5	1 0	160	..	31·87	194	153
D Northwich (Sandiway, W.W.)	J. Birtwistle, Esq.....	8	1 0	163	..	34·41	208	155
D Northwich (Hunts Lock)	Weaver Navigation Trustees	8	1 0	47	30·0	32·35	196	156
D Northwich (Winnington)	I.C.I. (Alkali) Ltd.....	5	1 0	64	29·2	31·35	190	145
D Northwich (Lostock Gralam)	I.C.I. (Alkali) Ltd.....	5	1 0	75	..	32·28	200	157
3.—MERSEY LOWER & C. 142 sq. mi.								
Tarporley (Willington Hall)	Major C. W. Tomkinson....	5	1 0	220	29·4	34·45	181	151
D Mouldsworth	A. J. Robinson, Esq.....	5	1 0	145	..	30·94	193	147
D Hooton Waterworks	A. J. Robinson, Esq.....	5	1 6	97	30·3	33·34	190	151
D Willaston	H. Procter, Esq.....	5	1 0	100	..	31·78	190	145
D Eastham	H. B. Vernon, Esq.....	5	1 0	100	31·9	32·83	198	152
D Crosshill Reservoir, *old g*	R. F. Baker, Esq.....	5	1 0	237	..	34·76	192	153
D Crosshill Reservoir, *new g*	R. F. Baker, Esq.....	5	1 0	212	..	34·24	193	153
D Prenton Waterworks	A. J. Robinson, Esq.....	5	1 6	91	28·1	36·39	177	152
D Rock Ferry (High School)	L. Davies-Shiel, Esq.....	5	1 0	100	..	35·42	190	148
D Birkenhead (Bidston Obs'y.)(+A)	The Director	8	1 0	198	27·9	30·35	182	135
D Birkenhead (Bidston Obs'y.)	The Director	8	1 0	198	..	30·46	185	140
D Hoylake (Recreation Gd.)	The Surveyor	5	1 0	23	28·1	31·10	182	149
D Wallasey (New Brighton)†.....	Medical Officer of Health ...	5	1 0	57	29·7	32·06	183	147
4.—DEE. 127 sq. mi.								
D Eaton Hall Gardens	Mr. N. F. Barnes	5	1 0	72	26·9	31·31	192	151
D Eccleston	E. Wells, Esq.....	5	1 1	94	26·8	31·57	197	148
D Rowton (Holly Bank)	J. H. Salmon, Esq.....	5	1 5	213	27·3	32·02	172	143
D Chester (Sewage Disp. Wks.)	C. Greenwood, Esq., C.E. ..	6	1 2	16	26·1	28·82	187	134
D Chester (Waterworks)	C. Wilfrid Bennett, Esq.....	5	0 10	85	26·4	30·09	189	133
Burton	R. A. L. Billson, Esq.....	5	1 0	210	..	30·17	..	..
D Neston (Vine House)	H. F. Russell, Esq.....	5	1 0	111	27·4	29·22	186	147
D Heswall (St. Fillan's)	Capt. J. Deedes.....	5	1 0	40	..	29·62	186	144
D Heswall (Greta)	Dr. T. Guthrie.....	5	1 0	230	..	32·36	192	146
d West Kirby (Caldy Manor)	Mr. E. L. Barker.....	5	6 0	131	27·9	30·73	..	..
West Kirby (Hilbre House)	Egerton Macdona, Esq.....	5	0 9	25	27·8	32·20	..	..
D West Kirby (Monk's Way)	Miss G. S. Kirkby.....	5	1 0	113	28·9	31·31	190	150
D West Kirby (St. Andrew's Vic.)	The Rev. E. F. Robson ...	5	1 0	25	27·9	29·66	174	139
D West Kirby (Deeside Nursery)	H. Ward, Esq.....	5	1 6	45	..	32·40	195	155
SOUTH LANCASHIRE. (Area, 687 sq. mi.).								
1.—ALT & C. 103 sq. mi.								
d Litherland (Hatton Hill Pk.)	G. W. Ponsford, Esq., C.E...	5	1 0	59	..	32·72	..	..

§ Gauge over-exposed on Moor. † Station formerly called Wallasey (Harrison Park)

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SOUTH LANCASHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	1.—ALT & C.—(*con*).								
d	Ormskirk (Bickerstaffe P. Stn.)	C. Burton Ede, Esq., C.E.	5	0 9	128	33·2	36·57	(202)	(172)
d	Ormskirk (Springfield P. Stn.)	C. Burton Ede, Esq., C.E.	5	0 11	70	33·1	37·88	(200)	(165)
D	Formby (The Dunes)	J. Harold Coney Esq.	5	0 9	30	29·8	33·90	179	155
d	Freshfield (Shireburn Road)	H. Mackay, Esq.	5	1 2	40	..	(33·59)	..	..
	2—MERSEY, LOWER. 240 sq. mi.								
D	Garston, *new g*	Liverpool Corporation	5	1 0	81	30·7	34·54	191	162
D	Garston (Grassendale Park)	A. G. Isaacson, Esq.	5	1 0	30	30·1	34·25	201	153
D	Aigburth (Beech Lawn)	T. H. Edwards, Esq.	8	1 0	120	30·0	34·82	196	147
D	Liverpool (Lark Lane)	Liverpool Corporation	5	9 1	90	..	34·79	185	153
D	Liverpool (Smithdown Road)	Liverpool Corporation	5	1 0	135	31·7	35·81	186	165
D	Liverpool (Monument Pl.) (+A)	Liverpool Corporation	5	1 3	124	..	35·78	181	148
D	Liverpool (Rathbone Road)	Liverpool Corporation	5	1 0	198	34·3	37·75	197	161
D	Liverpool (Breckside Park)	Liverpool Corporation	5	0 9	132	33·2	34·29	187	154
D	Liverpool (Queens Drive)	Liverpool Corporation	5	1 0	119	33·3	38·09	203	158
D	Warrington (Howley Yard)	The Borough Surveyor	10	5 1	26	..	33·40	178	154
D	Irlam (Sewage Works)	The Engineer	5	1 0	42	..	31·09	177	141
D	Winwick P. Stn. *new g.*	Warrington W.W.	5	1 0	115	..	34·25	185	158
D	St. Helens (Eccleston Hill)	A. P. Statham, Esq., C.E.	12	1 0	265	33·6	36·26	196	161
d	Earlestown (Newton Cemetery)	T. E. Clough, Esq.	5	1 0	75	33·6	31·99	..	..
	St. Helens (Windle Hall)	W. H. Pilkington, Esq.	5	0 4	180	..	35·48	183	157
D	Leigh (Sewage Works) (+A)	D. Ledson, Esq.	5	1 0	67	32·6	34·41	185	138
	3.—MERSEY—Irwell. 299 sq. mi.								
D	Stretford (Sewage Farm)	Stretford U.D.C.	5	1 1	65	..	33·57	200	163
D	Stretford (Longford Yard)	Stretford U.D.C.	8	1 1	87	..	34·46	194	150
D	Manchester (Hullard Park)	Stretford U.D.C.	8	1 1	100	32·4	36·48	177	160
D	Manchester (Old Trafford)	Stretford U.D.C.	8	1 1	107	..	31·83	177	145
D	Urmston (Sew. Wks., Davyhulme)	Manchester Cor., Rivers Dpt.	8	1 0	72	30·9	36·26	186	169
D	MANCHESTER (BARTON AIRPORT) (+A)	Meteorological Officer.	8	1 0	70	..	35·47	190	149
D	Patricroft (Eccles Sewage Wks.)	C. J. Girling, Esq.	5	1 0	72	30·3	34·13	192	147
d	Eccles (Cavendish Grove)	T. G. Barlow, Esq.	5	1 6	91	..	37·46	193	158
d	Manchester (Godlee Obs'y.)	The Curator	8	1 3	130	..	33·30	..	128
D	MANCHESTER (OLDHAM ROAD)	Medical Officer of Health	5	1 0	191	34·3	36·83	186	154
D	MANCHESTER (WHITWORTH PARK)	Manchester University	8	1 5	125	31·7	34·79	191	156
D	Ashton-und.-Lyne (Knott H. Res.)	M. T. B. Whitson, Esq., C.E.	8	1 0	605	..	40·49	219	162
D	Prestwich Sewage Works	H. T. Ainsworth, Esq., C.E.	8	0 10	150	36·6	39·91	185	157
	Prestwich Res., *new g, new site*	Manchester Corpn. W.W.	5	1 0	357	..	40·88	191	159
D	Prestwich (Heaton Park)	Manchester Corporation	8	1 0	312	36·8	40·36	196	162
	Prestwich (Heaton Park Res.)	Manchester Corpn. W.W.	5	1 0	355	37·1	41·62	194	163
D	Oldham Gas Works	Ernest Parry, Esq., C.E.	5	5 9	602	39·0	46·34	204	173
D	Oldham (Brushes Clough) No. 3	C. J. Batley, Esq., C.E.	5	1 0	921	46·7	55·13	206	176
D	Royton (Public Park)	The Engineer and Surveyor.	5	1 0	502	..	45·99	211	174
D	BOLTON (Queen's Park) (+A)	The Corpn. (E. Hendy)	5	1 0	342	43·1	49·22	203	168
d	Bolton (L.M.S.R.) No. 1	L. M. & S. Rly. Co.	5	1 0	299	..	47·65	..	..
D	Bolton (Heaton Reservoir)	Bolton Corporation W.W.	5	1 0	500	43·5	50·32	200	172
	Bolton W.W. (Harpers Farm)	Bolton Corporation W.W.	5	1 0	872	..	51·94	..	..
D	Bolton (Bloomfield, Heaton)	Mrs. F. Taylor, J.P.	5	1 0	530	43·1	51·19	232	175
D	Bolton (Smithills Hall)	Nigel V. Ainsworth, Esq.	8	1 2	510	46·1	56·01	194	176
D	Bury (L.M.S.R.) No. 5	L. M. & S. Rly Co.	5	1 0	294	..	45·98	241	178
D	Bury (Greenhill Road)	R. Moore, Esq.	5	2 7	399	..	48·02	183	162
D	Bury (Parsons Lane)	Irwell Valley Water Bd.	5	9 8	316	42·4	45·39	189	166
D	Bury (Bridge Hall)	Miss C. Wrigley	8	1 0	..	42·2	48·30	212	177
D	Bradshaw (Sewage Works)	Turton U.D.C.	5	1 0	329	43·0	52·01	197	173
D	New Hey (Sewage Works)	Mr. J. B. Ogden	5	1 0	514	41·6	51·61	195	177
D	Milnrow (Butterworth Hall)	C. J. Batley, Esq., C.E.	5	1 0	512	43·8	55·08	209	173
D	Milnrow (Piethorne, Kitcliffe)	C. J. Batley, Esq., C.E.	5	1 0	766	..	53·61	207	170
D	Milnrow (Piethorne, Coldgreave)	C. J. Batley, Esq., C.E.	5	1 0	832	46·3	55·74	207	171
D	Rochdale (Roch Mills Sew. Wks.)	S. H. Morgan, Esq., C.E.	8	1 1	363	44·5	44·43	206	172
D	Rochdale (Broadfield Pk. Obsy.)	Medical Officer of Health	8	1 0	472	43·9	41·33	198	168
D	Rochdale (Fieldhead Yard)	S. H. Morgan, Esq., C.E.	8	1 0	473	44·8	48·17	200	167
D	Rochdale (Ashworth Moor Res.)	Heywood Water Board	5	1 2	956	..	47·86	213	165
	Bolton (Egerton House) *old g*	E. H. Ashworth, Esq.	5	1 0	633	49·6	55·43	..	..
	Bolton (Egerton House) *new g*	E. H. Ashworth, Esq.	5	1 0	633	48·8	56·66	..	..
D	Bury (Gin Hall) No. 1	Irwell Valley Water Bd.	5	1 0	475	43·7	51·70	198	173
D	Bury (Gin Hall) No. 2	Irwell Valley Water Bd.	5	1 0	475	44·5	48·94	198	171
w	Bolton (Smithills Moor)	N.V. Ainsworth Esq.	5	1 0	1375	..	58·47	..	..

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge Height of Rim above Ground.	Rain-gauge Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	SOUTH LANCASHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	3.—MERSEY—Irwell.—(*con.*).								
	Bolton (Smithills Moor) *new site*	N. V. Ainsworth Esq.	5	1 0	1350	..	60·47	..	..
D	Bolton W.W. (Springs) No. 2.	Bolton Corporation W.W.	5	1 0	810	54·5	67·30	225	182
	Bolton W.W. (Eagley) No. 4.	Bolton Corporation W.W.	5	1 0	546	52·3	62·27	..	..
D	Eagley (Sewage Works)	Turton U.D.C.	5	1 0	584	..	58·81	206	175
M	Bolton W.W. (Hordern)	Bolton Corporation W.W.	5	1 0	1160	53·6	60·07	..	..
D	§Bolton W.W. (Delph)	Bolton Corporation W.W.	5	1 0	710	51·2	61·27	221	182
M	Bolton W.W. (Longworth)	Bolton Corporation W.W.	5	1 0	770	52·4	61·28	..	..
D	Bolton W.W. (Wayoh) No. 3.	Bolton Corporation W.W.	5	1 0	608	51·6	61·25	210	175
	§Bolton W.W. (Holden's Farm)	Bolton Corporation W.W.	5	1 0	955	52·1	58·51	..	..
	Bolton W.W. (Top-o'-th'-Brow)	Bolton Corporation W.W.	5	1 0	935	55·2	66·74	..	..
D	Bolton W.W. (Entwistle) No. 2.	Bolton Corporation W.W.	5	1 0	692	53·2	61·56	223	179
	Bolton W.W. (Bromiley Heys)	Bolton Corporation W.W.	5	1 0	925	51·5	63·24	..	..
	§Bolton W.W. (Hulton Pasture)	Bolton Corporation W.W.	5	1 0	1130	49·7	54·83	..	..
	§Bolton W.W. (Moorside)	Bolton Corporation W.W.	5	1 0	850	50·2	55·15	..	..
	Bolton W.W. (Clough) No. 2.	Bolton Corporation W.W.	5	1 0	1025	55·0	61·23	..	..
	Bolton W.W. (Cranberry Moss). 2.	Bolton Corporation W.W.	5	1 0	982	53·0	60·90	..	..
M	Bolton W.W. (Slater Lane)	Bolton Corporation W.W.	5	1 0	985	51·8	54·31	..	..
	Bolton W.W. (Brown Lowe)	Bolton Corporation W.W.	5	1 0	1200	51·8	60·43	..	..
	Bolton W.W. (Longshoot)	Bolton Corporation W.W.	5	1 0	930	..	63·29	..	..
	Bolton W.W. (Uglow) No. 2.	Bolton Corporation W.W.	5	1 0	1090	51·1	59·40	..	..
D	Rochdale (Hamer Pasture Res.)	Rochdale Corporation W.W.	5	1 0	760	48·6	54·74	218	181
D	Rochdale (Naden Filters)	Heywood Water Board	5	1 0	761	..	55·03	192	174
M	Norden (Higher Red Lumb)	Heywood Water Board	5	1 3	1125	..	49·12?	..	..
W	Norden (Far Knowl Farm)	Heywood Water Board	5	0 10	..	47·2	59·21	..	..
W	Rochdale (Naden Dean) *old g*	Heywood Water Board	5	1 4	948	..	44·40?	..	..
W	Rochdale (Naden Dean) *new g*	Heywood Water Board	5	1 4	948	..	47·15	..	..
D	Littleborough (Longden End)	C. J. Batley, Esq., C.E.	5	1 0	751	47·4	57·74	208	170
D	Littleborough (Hollngwrth Lke)	C. J. Batley, Esq., C.E.	8	1 0	610	40·6	46·66	198	166
D	Littleborough (Blackstone Edge)	C. J. Batley, Esq., C.E.	8	1 0	1268	45·0	51·01	203	167
D	Littleborough (Uppr. Chelburn.)	C. J. Batley, Esq., C.E.	8	1 0	725	47·5	54·90	218	173
D	Littleborough (Chelburn)	C. J. Batley, Esq., C.E.	8	1 0	700	..	46·40?	218	172
M	Ramsbottom (Killgate Brook)	Heywood Water Board	5	1 0	978	..	54·59	..	..
d	Ramsbottom (L.M.S.R.) No. 3.	L. M. & S. Rly. Co.,	5	0 11	418	47·7	57·40	..	..
M	Ramsbottom (Cheesden Barn)	Heywood Water Board	5	1 0	997	..	52·16	..	..
D	Edenfield (Rochdale Rd.)	Irwell Valley Water Bd.	5	1 0	665	..	59·84	208	181
D	Edenfield (Scout Moor Res.) No. 2.	Irwell Valley Water Bd.	5	1 0	1275	..	65·87	209	168
D	Edenfield (Scout Moor Res.) No. 3.	Irwell Valley Water Bd.	5	1 0	1275	..	60·19	209	167
D	Waterfoot (Cragg Reservoir) *new site*	Bacup Boro' Council	5	1 0	1325	..	60·58	234	184
D	Waterfoot (Cowpe Reservoir) *new site*	Bacup Boro' Council	5	1 0	925	..	63·84	234	185
D	Rochdale (Spring Mill Whitworth)	Rochdale Corporation W.W.	5	1 0	720	51·5	57·70	198	182
D	Wardle (Watergrove Mill)	Rochdale Corporation W.W.	5	1 0	775	..	61·10	198	183
D	Rochdale (Cowm, Whitworth)	Rochdale Corporation W.W.	5	1 0	762	51·5	64·31	196	190
D	Helmshore (Clough House)	A. C. Cullen, Esq.	5	1 0	650	50·3	62·99	207	177
D	Haslingden (Holden Wood) No. 1.	Irwell Valley Water Bd.	5	1 0	670	52·1	62·89	207	175
D	Haslingden (Holden Wood) No. 2.	Irwell Valley Water Bd.	5	1 0	670	51·4	58·61	207	175
D	Haslingden (Calf Hey) No. 1.	Irwell Valley Water Bd.	5	1 0	800	50·9	61·13	207	180
D	Haslingden (Calf Hey) No. 2.	Irwell Valley Water Bd.	5	1 0	800	..	54·68	207	176
d	Haslingden (Ogden) No. 1.	Irwell Valley Water Bd.	5	1 0	740	..	(57·90)	(208)	(177)
d	Haslingden (Ogden) No. 2.	Irwell Valley Water Bd.	5	1 0	740	..	(58·83)	(208)	(175)
D	Bacup (Sheephouse Res.) *new site*	Bacup Boro' Council	5	1 0	975	..	59·77	217	176
D	Bacup (L.M.S.R.) No. 4.	L. M. & S. Rly. Co.	5	1 0	875	47·1	57·94	230	185
D	Rawtenstall Cemetery	J. Johnson, Esq.	8	1 1	572	49·1	54·02	185	169
d	Haslingden (L.M.S.R.) No. 2.	L. M. & S. Rly. Co.	5	1 0	715	..	(55·28)	..	..
D	Rawtenstall (Cloughbottom) No. 1.	Irwell Valley Water Bd.	5	1 0	1025	46·7	52·74	199	182
D	Rawtenstall (Clowbridge Res.)† No. 1.	Irwell Valley Water Bd.	5	1 0	930	48·7	60·93	198	182
D	Rawtenstall (Clowbridge Res.)† No. 2.	Irwell Valley Water Bd.	5	1 0	930	50·6	65·19	198	182
	4.—MERSEY, UPPER. 45 sq. mi.								
D	Didsbury (Linden Road)	L. G. King, Esq.	8	1 6	110	31·0	33·55	181	158
D	West Didsbury (Town Hall). (R).	Manchester Corporation	8	7 6	121	29·2	30·37	170	144
D	Northenden Sewage Wks.	Manchester Cor., Rivers Dpt.	8	1 0	81	..	33·36	189	157
D	MANCHESTER (BURNAGE SCHOOL).	Manchester Education Com.	5	1 0	147	..	31·86	187	150
D	Chorlton-cum-Hardy Sew. Works.	Manchester Cor., Rivers Dpt.	8	1 0	95	30·5	31·76	184	147
D	Fallowfield (Platt Field Park)	Manchester Corporation	8	1 0	118	30·6	33·66	180	159
	Denton Reservoir, *new g*	Manchester Corpn. W.W.	5	1 0	306	..	37·21	191	159

† Station formerly called Hapton Res. § Turf wall round gauge.

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SOUTH LANCASHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—MERSEY, UPPER.—(*con.*).								
Gorton Reservoir, *new g*.	Manchester Corpn. W.W.	5	1 0	263	..	36·90	195	167
D Ashton-u-Lyne (Henrietta St. Yd.)	M. T. B. Whitson, Esq., C.E.	7	1 0	394	37·2	38·94	198	165
D Lower Swineshaw Reservoir	M. T. B. Whitson, Esq., C.E.	8	1 6	884	43·6	45·44	206	168
Swineshaw Moor	M. T. B. Whitson, Esq., C.E.	5	1 0	1340	..	51·97	..	..
D Mossley (Manor House Yard)	M. T. B. Whitson, Esq., C.E.	5	1 0	636	41·5	44·67	204	166
CENTRAL LANCASHIRE. (Area, 536 sq. mi.)								
1.—RIBBLE & C. 326 sq. mi.								
Darwen (Spring Bank)	T. Anderton, Esq.	5	1 0	710	..	60·04	..	..
D Darwen (Sunnyhurst Hey Res.)	E. Marsden, Esq., C.E.	8	1 0	915	49·5	53·31	211	175
D Darwen (Earnsdale Reservoir)	E. Marsden, Esq., C.E.	8	1 0	705	47·4	54·61	211	178
D Darwen (Bold Venture Park)	Medical Officer of Health	8	1 1	724	50·1	59·05	226	181
D Darwen (Hoddlesden) No. 1.	W. Pickstone, Esq., C.E	8	1 6	680	49·1	56·56	216	177
D§Darwen (Daisy Green) No. 1.	W. Pickstone, Esq., C.E.	8	1 6	969	..	57·18	217	179
D Darwen (Pickup Bank) *old g*. No 1.	W. Pickstone, Esq., C.E.	8	1 6	720	46·8	46·67	209	169
D§Darwen (Pickup Bank) *new g* No. 2.	W. Pickstone, Esq., C.E.	8	1 6	727	..	56·89	219	179
D Withnell No. 2.	L. C. King-Wilkinson, Esq.	5	1 3	535	..	45·82	212	178
d Brindle (Whiteholme)	Mrs. Victor H. Gatty	5	1 8	315	39·3	(42·60)	..	..
D Haslingden (Mitchell's Ho. Res.)	A. J. Harrison, Esq.	5	1 6	950	45·0	53·03	218	183
D Haslingden (Mitchell's Ho. Res.) No. 2.	A. J. Harrison, Esq.	5	1 6	984	..	49·65	218	182
D Blackburn (Guide Reservoir)	W. Pickstone, Esq., C.E.	8	1 6	610	44·9	48·94	205	179
D Blackburn (Witton)	W. Pickstone, Esq., C.E.	8	1 6	315	42·0	40·65	196	158
D Blackburn (Fever Hosp.)	W. Pickstone Esq., C.E.	8	1 6	570	..	47·19	224	175
D Hutton (Lancs. C.C. Hort. Stat.)	The Director of Education	5	1 0	82	..	39·51	198	154
D St. Anne's-on-Sea (South Side)	Dr. J. P. Litt	5	1 0	25	31·4	33·43	179	150
D Accrington (Oak Hill Park). (+A)	The Borough Engineer	5	1 0	645	..	51·32	209	165
D Preston (Moor Park) (+A)	Preston Corporation	8	1 0	110	35·3	43·75	209	165
D Samlesbury Sewage Works	W. Pickstone, Esq., C.E.	8	1 6	240	36·9	42·14	210	163
W Causeway Side (Burnley W.W.)	J. Shepherd, Esq.	8	1 0	1116	41·7	47·74	..	..
W Sheddin (Burnley W.W.)	J. Shepherd, Esq.	8	1 0	960	41·9	46·42	..	..
D Cant Clough S. Side (Burnley W.W.)	J. Shepherd, Esq.	8	1 0	900	42·3	44·87	208	168
D Cant Clough N. Side (Burnley W.W.)	J. Shepherd, Esq.	8	1 0	900	41·5	45·29	208	167
D Huncoat (Burnley Road Res.)	A. J. Harrison, Esq.	9	1 10	620	43·0	49·15	196	158
D Huncoat (Burnley Rd. Res.) *new g*.	A. J. Harrison, Esq.	5	1 0	624	..	43·13	195	160
D Wilpshire (Brooklyn Road)	H. W. Apperley, Esq.	5	1 0	408	40·7	45·34	211	178
D Great Harwood (Parsonage Res.)	W. Pickstone, Esq., C.E.	8	1 0	631	40·7	49·74	207	172
D Great Harwood (Dean Clough)	A. J. Harrison, Esq.	12	1 6	540	45·6	51·09	209	175
D Burnley (Queen's Park)	Medical Officer of Health	8	1 0	458	..	46·09	204	172
D Burnley (Swinden) *Upper g*	J. Shepherd, Esq.	8	12 0	820	43·6	48·69	226	183
D Burnley (Swinden) *Lower g*.	J. Shepherd, Esq.	8	1 0	745	44·3	48·69	226	183
D Padiham (Gawthorpe Hall)	Lord Shuttleworth	8	1 0	282	40·7	42·95	183	165
D Padiham (Huntroyde)	E. G. Howsin, Esq.	5	1 0	423	41·1	47·30	198	161
D Alston Reservoir	E. C. Oakes, Esq., C.E.	8	1 6	320	41·0	43·99	212	160
D Nelson (Coldwell Res.) S. No. 2.	Nelson Corporation W.W.	5	1 0	960	46·3	55·97	253	179
D Nelson (Victoria Park)	Nelson Corporation W.W.	5	1 0	375	41·8	49·49	206	166
D Nelson (Walton Lane) (+A)	J. W. Ingham, Esq.	5	1 0	540	..	49·34	196	157
D Stonyhurst (College) (+A)	The Director	8	1 10	377	46·5	53·28	207	166
D Cowley Brook (Preston W.W.)	E. C. Oakes, Esq., C.E.	8	1 6	616	..	53·98	218	182
D Spade Mill (Preston W.W.)	E. C. Oakes, Esq., C.E.	8	1 6	400	41·7	44·02	216	163
M Jeffery Hill (Preston W. W.)	E. C. Oakes, Esq., C.E.	8	1 2	900	47·3	60·40	..	..
D Sabden (Churn Clough Res.)	Granville Berry, Esq., C.E.	5	1 0	790	41·2	51·34	231	175
W Sabden (Craggs Dole)	Granville Berry, Esq., C.E.	8	1 0	1050	46·0	51·11	..	..
W Newchurch (Cock Dole)	Granville Berry, Esq., C.E.	5	1 0	1090	47·0	53·05	..	..
D Barley Ogden Reservoir)	Nelson Corporation W.W.	5	1 6	950	46·0	57·43	213	172
D Pendle Hill (Buttock)	Nelson Corporation W.W.	5	1 0	1175	..	58·02	209	178
D Colne (Svinden Sew. Works)	T. H. Hartley, Esq.	5	1 0	423	42·0	48·15	197	157
Colne (Cenetery)	T. H. Hartley, Esq.	6	3 0	525	..	46·13	..	..
Barrowford Reservoir	Leeds & Liverpool Canal Co.	8	1 0	473	41·0	51·64	..	..
Foulridge Upper Reservoir)	Leeds & Liverpool Canal Co.	8	1 0	582	40·5	48·17	..	..
Foulridge (Reedy Moor)	Leeds & Liverpool Canal Co.	5	1 0	553	..	45·34?	..	..
D Chatburn School	E. P. Aldersley, Esq.	5	0 11	322	43·0	50·32	228	173
Clitheroe (Lownham Hall)	R. C. Assheton, Esq.	5	1 6	464	..	47·80	..	..

§ Turf wall round gauge.

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in or more.
CENTRAL LANCASHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—RIBBLE—Douglas. 156 sq. mi.								
D Wigan W.W. (Billinge Higher End)..	The Borough Engineer	5	1 0	374	..	41·08	186	157
D Orrell (Upholland Gram. Sch.)....	The Headmaster	5	1 0	320	35·5	36·38	181	150
D Wigan W.W. (Worthington).....	The Borough Engineer	5	1 0	225	35·4	40·25	193	156
D Horwich (Lower Rivington).....	Lt.-Col. F. Hibbert, C.E. ..	5	1 0	440	38·7	41·37	203	162
w Horwich (Lower Knoll).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 6	742	41·2	43·56	..	..
w§Rivington (Brown Hill).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 6	844	..	45·24	..	..
w Rivington (Brown Hill) *new g*.....	Lt.-Col. F. Hibbert, C.E. ..	5	1 0	727	..	46·28	..	..
D Rivington (Stoneshouse)..No. 1...	Lt.-Col. F. Hibbert, C.E. ..	10	1 4	629	..	44·48	210	170
D Rivington (Stoneshouse) *new g.* No. 2	Lt.-Col. F. Hibbert, C.E. ..	5	1 0	607	..	46·13	211	170
w Rivington (Stoneshouse)..No. 3 ..	Lt.-Col. F. Hibbert, C.E. ..	8	1 4	629	..	42·79	..	..
w§Rivington (Hurst Hill).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 0	1029	..	52·30	..	..
w§Rivington (Great Hill).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 0	1240	..	51·88	..	..
w§Rivington (Coppice Stile).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 0	879	..	47·21	..	..
w Rivington (Gamekeeper's).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 1	850	45·4	48·56	..	..
w Roddlesworth	Lt. Col. F. Hibbert, C.E. ..	5	1 0	725	..	48·77	..	..
D Chorley (Com. Bk. Sew. Wks.)....	J. Slater, Esq.....	5	1 0	179	..	37·49	194	149
D Leyland (Worden Hall) ..(+A)..	H. Nowell ffarington, Esq. ..	5	1 0	125	34·9	41·19	198	156
w§Darwen (Higher Hill).....	Lt.-Col. F. Hibbert, C.E. ..	8	1 6	733	..	42·65	..	..
D Bamber Bridge (Cuerden Hall)....	J. Alleyne Robinson, Esq...	5	1 0	230	35·7	40·92	190	156
3.—COAST STREAMS. 52 sq. mi.								
D Southport (Bedford Rd. Park) ...	The Corpn. (J. Baxendell) .	5	1 0	37	32·0	34·82	183	151
D Southport (Hesketh Park) (+A)..	The Corpn. (J. Baxendell) ..	8	1 0	37	32·0	34·11	200	147
4.—OUSE—Aire. 2 sq. mi.								
d§ Watersheddles Reservoir.....	J. Noel Wood, Esq., M.C., C.E.	5	1 0	1115	48·4	63·06	(217)	(180)
d Watersheddles Res. ...No. 2..	J. Noel Wood, Esq., M.C., C.E.	5	1 0	1115	..	64·91	(217)	(181)
Foulridge (Canal Office).....	Leeds & Liverpool Canal Co.	8	1 0	497	43·5	48·52	..	..
NORTH LANCASHIRE. (Area, 609 sq. mi.)								
1.—DUDDON & C. 77 sq. mi.								
D Barrow-in-Furness (Gas Works)†.	Claude Diamond, Esq.....	5	1 0	17	37·6	44·53	204	175
D Barrow-in-Furness (Sewage Wks.).	W. C. Persey, Esq., C.E.....	5	1 0	20	39·3	44·75	225	161
D Barrow-in-Furness (Risedale C. Sch.)..	The Headmaster	5	1 0	55	..	40·90	184	154
D Little Urswick (North View).....	J. Dobson, Esq.....	5	1 6	130	44·4	53·90	207	165
D Ulverston (Poaka Beck)†.....	Claude Diamond, Esq.....	5	1 0	512	52·1	54·49	199	174
D Broughton-in-Furness (Hesketh Hall)..	C. E. C. Shawfield, Esq..	5	1 5	120	..	67·03	230	188
d Duddon Valley (Seathwaite Sch.)..	The Headmistress.....	5	1 0	348	77·8	81·57	..	..
w‖Duddon Val. (Seathwaite Tarn)†..	Claude Diamond, Esq.....	5	1 0	1221	92·7	102·05	..	.
2.—LEVEN & C. 135 sq. mi.								
D Cartmel (Holker Hall).....	Lord Richard Cavendish...	5	0 9	85	44·5	49·79	207	153
D Ulverston (Pengwerne).....	C. J. Chapman, Esq.....	5	1 2	124	50·1	54·74 ?	223	177
D Ulverston (Pengwerne) *Paddock*...	C. J. Chapman, Esq.....	8	1 4	128	..	58·04	212	178
w Cartmell Fell (Ghyll Head Res.) 4 .	J. N. Leckie, Esq.....	8	1 0	425	63·1	66·42	..	..
D Torver (Greystones).....	J. C. Appleyard, Esq.....	5	1 0	350	..	77·43	218	189
Coniston (Thwaite Cottage).....	Mrs. H. Cohen.....	5	1 0	160	..	94·22	..	200
D Hawkshead (Low House, Sawrey) .	Mrs. W. H. Baines	5	1 0	342	65·3	74·26	215	207
d Hawkshead (Foundation Sch.)	The Headmaster	5	1 0	214	71·1	77·76	..	..
d Hawkshead (Bettyfold).....	H. T. Gnosspelius, Esq.....	5	1 0	500	78·0	74·89	..	..
D Hawkshead Hill	Miss R. E. Sugden	5	1 0	600	..	88·73	208	191
D Ambleside (Skelwith Fold).....	Miss C. Marshall.....	5	1 0	333	81·0	77·56	217	179
3.—KENT & C. 45 sq. mi.								
d Heysham Harbour.....	L. M. & S. Rly Co.....	5	1 6	25	34·7	39·16	.	..
D Morecambe	The Chief Sanitary Inspector	8	1 0	23	37·0	42·37	·98	157
D Hest Bank (Greendale).....	W. Watson, Esq.....	5	1 6	97	..	40·33	177	147
d Hest Bank (Hatlex Drive)	The late R. Rhodes, Esq.....		..	..	..	46·35	202)	(163)
d Bolton-le-Sands (Hill Close).....	Miss F. M. Horner.....	5	1 0	80	..	45·04	..	..
D Yealand Conyers (Beechfield).....	Miss E. Roper.....	5	1 0	250	..	42·50	184	150
D Yealand Conyers (Morecambe Lo.).	J. Rawlinson Ford, Esq.....	5	1 0	278	42·9	54·15	238	182
Grange-over-Sands (Nutwood)....	J. Steen, Esq.....	5	1 0	140	45·0	51·23	..	..
D Lindale (Ellerhow).....	Lady Tomlinson.....	5	1 5	300	51·4	55·71	200	170

§ Gauge over exposed on Moor. † New gauge March, 1935. ‖ Turf wall round gauge.

DIVISION VIII—NORTH-WESTERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	NORTH LANCASHIRE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	4.—LUNE. 135 sq. mi.								
D	Hampson-in-Ellel	John Welch, Esq.	5	1 0	145	38·3	39·08	194	152
	Bowland Forest (High Salter)	J. T. Sanderson, Esq.	5	1 0	974	..	64·80	..	..
	Bowland Forest (Whitray)	J. T. Sanderson, Esq.	5	1 0	1139	57·5	61·69	..	..
	Bowland Forest (Lower Salter)	J. T. Sanderson, Esq.	5	1 0	572	52·8	59·38	..	..
d	Lancaster (The Friends School)	G. A. Watson, Esq.	5	1 0	55	36·2	40·74	..	..
D	Lancaster (Blea Tarn Res.)	F. Hill, Esq., C.E.	5	1 0	330	..	46·07	218	167
D	Lancaster (Greg Obsy.) (+A)	The Corpn. (N. Holden, F.R.A.S.)	8	1 0	312	40·7	44·56	198	165
D	Lancaster (Lune Aqueduct)	L. M. & S. Rly. Co.	8	1 0	74	38·4	42·63	185	167
D	Caton (Escowbeck House)	J. Howorth Massey, Esq.	5	1 6	150	..	45·65	177	159
D	Wray (Wray House)	Baldwin Bent, Esq., C.E.	5	1 0	170	..	49·90	198	168
D	Wennington (Tatham Rectory)	Rev. A. S. Roberts	5	1 3	170	40·9	46·37	180	159
	5.—WYRE & C. 213 sq. mi.								
D	Weeton Reservoir (No. 1)	Fylde Water Board	5	1 0	133	36·6	42·07	191	162
D	Blackpool (Met. Observatory)	Medical Officer of Health	5	1 0	67	33·4	34·98	196	152
D	Barton (Newsham House)	W. B. S. Smith, Esq.	5	1 0	104	38·2	42·94	198	160
D	Kirkham (Elswick Lodge)	L. G. King, Esq.	5	1 4	52	35·0	38·27	179	144
D	St. Michael's-on-Wyre	Ven. Archdeacon Hornby	5	1 0	26	36·0	40·21	204	153
D	Fleetwood	Engineer and Surveyor	8	2 6	27	33·4	34·78	188	146
D	Fleetwood (Memorial Park)	The Borough Council	5	1 0	21	..	36·96	197	149
D	Garstang (Barnacre Reservoir)	Fylde Water Board	5	1 0	616	45·7	50·69	210	168
D	Garstang (Grizedale Reservoir)	Fylde Water Board	5	1 0	517	43·6	45·78	202	162
	Garstang (Calder Intake)	Fylde Water Board	5	1 0	632	46·6	49·35	..	..
	Garstang (Grizedale Intake)	Fylde Water Board	5	1 0	644	46·6	48·05	..	..
D	Wyresdale (Abbeystead Res.)	F. Hill, Esq., C.E.	5	1 0	366	47·9	54·95	209	174
D	Abbeystead Gardens	Mr. Geo. Penk	5	1 0	420	50·1	56·65	220	178
D	Damas Ghyll Reservoir	F. Hill, Esq., C.E.	5	1 0	590	..	48·33	207	166
M	Quernmore (Old Gauge Basin)	F. Hill, Esq., C.E.	8	1 0	963	46·1	54·77	..	..
	6.—INSULAR. 4 sq. mi.								

DIVISION IX—YORKSHIRE.

	WEST RIDING. (Area, 2,791 sq. mi.)								
	1.—LUNE. 178 sq. mi.								
D	Austwick (Town Head)	T. Gordon Esq.	5	1 0	525	42·4	51·84	204	170
D	Austwick (Beck House)	Rev. J. Turner	5	1 1	475	44·3	48·96	210	164
D	Clapham (Newby)	J. Pillar, Esq.	5	0 8	550	..	52·09	222	177
D	High Bentham (Inglefield)	Geoffrey Holmes, Esq.	5	1 0	412	..	45·12	204	165
D	Sedbergh (Brigflatts)	The Misses Wilson	5	1 0	305	53·0	58·13	207	176
D	Sedbergh (The Leyes)	Rev. A. J. K. Martyn	5	0 9	400	..	57·57	209	167
D	Sedbergh (Havera Bank)	A. Mountain, Esq.	5	1 0	450	56·1	59·71	214	173
	2.—RIBBLE. 225 sq. mi.								
D	Colne (Lower Coppy)	J. F. Bedford, Esq., C.E.	5	1 7	975	..	46·08	187	155
D	Colne (Laneshaw Res.)	J. F. Bedford, Esq., C.E.	5	1 9	795	..	46·34	205	163
D	Barnoldswick (Rainhall Road)	J. Hiley, Esq., B.Sc.	5	1 0	549	38·1	45·11	207	161
	Barnoldswick (Greenberfield L.)	Leeds & L'pool Canal Co.	8	1 0	488	41·5	46·11	..	..
	Slaidburn (Hareden Fell)	E. C. Oakes, Esq., C.E.	8	1 2	1300	..	77·76	..	..
D	Slaidburn (Hareden Valley)	E. C. Oakes, Esq., C.E.	8	1 2	556	68·3	73·67	230	190
D	Slaidburn (Langden Brook)	E. C. Oakes, Esq., C.E.	8	1 2	556	68·6	78·07	230	193
	Slaidburn (Holdron Moss)	E. C. Oakes, Esq., C.E.	8	1 2	1300	..	74·42	..	..
D	Slaidburn (Dunsop Houses)	W. Pickstone, Esq., C.E.	8	1 6	450	62·9	70·54	201	186
D	Slaidburn (Footholme)	W. Pickstone, Esq., C.E.	8	1 6	565	62·2	67·79	198	184
M	Slaidburn (Middle Knoll)	W. Pickstone, Esq., C.E.	5	1 0	1288	67·5	73·25	..	..
D	Slaidburn (Brennand)	W. Pickstone, Esq., C.E.	8	1 6	820	68·3	77·37	195	184
D	Slaidburn (Croasdale House)	W. Pickstone, Esq., C.E	8	1 6	600	51·0	58·69	195	168
D	Slaidburn (Croasdale Valley)	W. Pickstone, Esq., C.E.	8	1 6	720	..	75·89	195	183
D	Slaidburn (Whitendale)	W. Pickstone, Esq., C.E.	8	1 6	830	70·0	80·86	197	189
M	Slaidburn (Cabin Hill)	W. Pickstone, Esq., C.E.	5	1 0	1559	63·0	71·25	..	..
M	Slaidburn (Baxton Fell)	W. Pickstone, Esq., C.E.	5	1 0	1525	75·8	89·65	..	..
D	Settle (Cappleside)	Mrs. Geldard	5	0 10	500	49·9	59·12	207	171
D	Settle (Gas Works)	J. W. Shepherd, Esq.	8	2 6	450	43·9	50·31	202	170
D	Settle (Giggleswick School)	The Headmaster	8	1 0	575	..	44·42	193	169
	Horton-in-Ribblesdale	Nathaniel Hunt, Esq.	5	1 0	800	52·2	62·57	..	..
	3.—MERSEY—Irwell. 2 sq. mi.								

DIVISION IX—YORKSHIRE—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
WEST RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—MERSEY, UPPER. 35 sq. mi.								
D Greenfield (Chew Mount)	M. T. B. Whitson, Esq., C.E.	5	1 0	1578	50·7	54·82	224	177
w Greenfield (Chew Reservoir)	M. T. B. Whitson, Esq., C.E.	5	1 0	1648	..	61·06	..	..
D Greenfield (Sewage Disp. Wks.)	The Manager	5	1 1	505	..	47·26	208	171
D Greenfield (Yeoman Hey)	M. T. B. Whitson, Esq., C.E.	5	1 0	784	49·1	52·48	208	169
w Greenfield (Ashway Moss)	M. T. B. Whitson, Esq., C.E.	5	1 0	1581	..	43·17	..	..
w Greenfield (Birchen Clough)	M. T. B. Whitson, Esq., C.E.	5	1 0	1018	51·4	52·22	..	..
w Greenfield (Upperwood Moor)	M. T. B. Whitson, Esq., C.E.	5	1 0	1518	..	48·63	..	..
Saddleworth Station	L. M. & S. Rly. Co.	5	1 0	563	..	55·04	..	..
D Oldham (Strinesdale) *new g*	C. J. Batley, Esq., C.E.	5	1 0	791	44·7	48·29	207	173
D Standedge (Cas Shaw Broadh'd) *new*	C. J. Batley, Esq., C.E.	8	1 0	957	51·5	60·00	217	181
M Standedge (Redbrook Res.)	L. M. & S. Rly. Co.	5	1 0	1150	..	57·15	..	..
D Denshaw C.E. School	The Head Teacher	8	1 1	870	..	67·48	204	176
D Denshaw (Ox Hey) *new g*	C. J. Batley, Esq., C.E.	8	1 0	1031	48·9	55·93	215	171
D Denshaw (Crawshaw Hey)	C. J. Batley, Esq., C.E.	8	1 0	956	48·5	56·09	215	171
D Denshaw (New Year's Br.) *new g*	C. J. Batley, Esq., C.E.	8	1 0	986	..	54·11	215	172
5.—TRENT—Derwent. 7 sq. mi.								
D Burbage (Parsons House)	Sheffield Corporation W.W.	8	1 0	1309	..	40·97	196	159
Burbage (Higger Lodge)	Sheffield Corporation W.W.	5	1 0	1225	36·8	43·74	..	..
Burbage (Upper Burbage)	Sheffield Corporation W.W.	5	1 0	1364	36·1	47·81	..	..
Howden Dean	No. 72. Derwent Valley Water Bd.	5	1 0	965	..	56·09	..	..
M Derwent Dale (HowdenCl'gh)	No. 64 Derwent Valley Water Bd.	5	1 0	1030	44·4	53·81	..	..
M Derwent Dale (Sandy Lee)	No. 7. Derwent Valley Water Bd.	5	1 0	1340	..	55·48	..	..
Derwent Dale (Sandy Lee) *checkg.* 7A	Derwent Valley Water Bd.	5	1 0	1340	..	65·08	..	..
6.—TRENT—Left Bank Tributaries. 143 sq. mi.								
D Lindrick Common (Woodside)	Mrs. M. E. Eardley	5	1 0	250	25·5	26·59	161	124
D Austerfield P.S.	Doncaster & Tickhill Joint Water Bd.	8	1 0	32	..	25·47	168	112
D Rossington Main Colliery	Rossington Colliery Co., Ltd.	5	1 0	22	..	25·12	158	114
7.—OUSE—Don. 564 sq. mi.								
Burbage (Badger Ho.)	Sheffield Corporation W.W.	5	1 0	1138	..	44·75	..	..
D Sheffield W.W. (Redmires R.) (R)	Sheffield Corporation W.W.	10	5 0	1110	40·3	48·11	211	162
D Sheffield W.W. (Redmires Res.)	Sheffield Corporation W.W.	8	4 0	1110	39·9	47·63	215	168
D Sheffield W.W. (Redmires R.) *new g.*	Sheffield Corporation W.W.	5	1 0	1110	..	48·59	215	170
§Rivelin (Oaking Clough)	Sheffield Corporation W.W.	8	1 0	1160	39·8	48·50	..	..
Rivelin (Middle Moss)	Sheffield Corporation W.W.	5	1 0	1168	41·0	51·77	..	..
D Sheffield W.W. (Rivelin) (+A)	Sheffield Corporation W.W.	8	1 6	564	35·2	43·49	200	161
Sheffield W.W. (Black Clough)	Sheffield Corporation W.W.	5	1 0	1175	40·3	53·25	..	..
D Sheffield W.W. (Crookes)	Sheffield Corporation W.W.	5	1 1	629	..	36·06	190	147
D Sheffield W.W. (Crookes)	Sheffield Corporation W.W.	8	2 0	629	..	34·80	190	144
D SHEFFIELD (Weston Park)	The Corpn. (E. Howarth, F.R.A.S.)	8	1 0	428	30·4	34·33	183	141
Loxley Valley (Crawshaw Wood)	Sheffield Corporation W.W.	5	1 0	1175	..	49·94	..	..
Loxley Valley (Broadcar)	Sheffield Corporation W.W.	5	1 0	1004	44·4	55·56	..	..
Loxley V. (Oaks Fm. Damflask)	Sheffield Corporation W.W.	5	1 0	650	36·1	46·52	..	..
Loxley V. (Loftshaw, Strines)	Sheffield Corporation W.W.	5	1 0	1011	43·2	51·42	..	..
D Loxley Valley (Bradfield Filters)	Sheffield Corporation W.W.	8	1 0	551	..	48·01	199	159
D Loxley V. (Dale Dike Res.)	Sheffield Corporation W.W.	8	1 0	715	39·5	51·29	222	170
Loxley Valley (Bragging Moss)	Sheffield Corporation W.W.	5	1 0	1360	..	59·38	..	..
Loxley V. (Thornseat)	Sheffield Corporation W.W.	5	1 0	1326	42·6	54·31	..	..
Loxley V. (Rocher Flat)	Sheffield Corporation W.W.	5	1 0	1106	37·1	44·46	..	..
Loxley V. (Emlin Moor)	Sheffield Corporation W.W.	5	1 0	998	41·3	54·30	..	..
Loxley Valley (White Lee Moor)	Sheffield Corporation W.W.	5	1 0	1170	..	52·44	..	..
Loxley Valley (Hobson Moss)	Sheffield Corporation W.W.	5	1 0	1530	..	58·95	..	..
D Rotherham (Ulley Res.) No. (2)	Vincent Turner, Esq., C.E.	5	1 0	184	23·4	29·48	158	113
D Rotherham (Ulley Res.) No. (3)	Vincent Turner, Esq., C.E.	5	1 0	132	23·2	30·39	158	113
D Wincobank (Sewage Works) (+A)	J. H. Edmondson, Esq.	5	1 6	110	23·0	28·52	175	130
D Rotherham (Sitwell Vale)	G. Howard, Esq.	5	1 0	300	26·0	30·61	184	130
D ROTHERHAM (BROOM LANE)	L. Atkinson, Esq.	5	1 0	284	..	28·16	177	121
D Rotherham (Kimberworth Sch.)	Vincent Turner, Esq., C.E.	5	1 0	258	24·7	30·23	192	136
D Rotherham (Spurley Hey C. Sch.)	Vincent Turner, Esq., C.E.	5	1 0	130	..	28·34	167	121
D Rotherham (Aldwarke Sew. Wks.) (+A)	James H. Kershaw, Esq.	5	1 4	71	24·7	28·55	174	128
D Rotherham (Thrybergh)	F. O. Kirby, Esq., C.E.	8	1 0	184	23·8	28·02	174	124
D Ecclesfield (Sewage Works)	F. Thurlby, Esq., C.E.	5	1 0	172	25·6	31·42	180	139

§ Gauge possibly over-exposed.

DIVISION IX—YORKSHIRE—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	WEST RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	7.—OUSE—Don—(*con.*).								
D	Conisborough (Firsby Res.)	F. O. Kirby, Esq., C.E.	8	1 4	189	26·1	31·39	179	139
	Ewden (Middle Moss)	Sheffield Corporation W.W.	5	1 0	1600	51·0	58·61	..	..
	Ewden (Broomhead Moor)	Sheffield Corporation W.W.	5	1 0	1370	48·6	57·40	..	..
D	Ewden (Canyard Brook)	Sheffield Corporation W.W.	5	1 0	585	..	48·01	218	172
	Ewden (Candle Rush)	Sheffield Corporation W.W.	5	1 0	1400	..	58·05	..	..
	Ewden (Wightwizzle)	Sheffield Corporation W.W.	5	1 0	860	41·5	49·81	..	..
	Ewden (Broomhead Hall)	Sheffield Corporation W.W.	5	1 0	905	42·1	46·45	..	..
D	Ewden (More Hall Reservoir)	Sheffield Corporation W.W.	8	1 0	408	33·9	38·91	203	155
D	Ewden (Broomhead Reservoir)	Sheffield Corporation W.W.	8	1 0	600	35·6	46·55	216	168
D	Ewden (Broomhead Res.) *Check*	Sheffield Corporation W.W.	5	1 0	484	..	44·65	213	167
	Ewden (Margery Hill) No. 2.	Sheffield Corporation W.W.	5	1 0	1784	..	62·39	..	..
	Ewden (Waldershaigh)	Sheffield Corporation W.W.	..	..	875	35·3	42·47	..	..
	Ewden (Brown Edge)	Sheffield Corporation W.W.	5	1 0	1325	50·5	57·32	..	..
D	Wentworth Woodhouse	Mr. A. Third	5	0 10	360	27·2	30·40	174	133
D	Mexborough	G. Fenwick Carter, Esq., C.E.	5	1 6	77	22·4	24·83	173	114
	Wortley (Service Reservoir)	J. R. Fox, Esq., C.E.	5	1 0	700	30·0	35·51	202	151
	Midhope Moor (Barnside)	J. R. Fox, Esq., C.E.	5	1 0	1000	43·4	51·05	236	177
	Little Don Val. (Laund Clough)	Sheffield Corporation W.W.	5	1 0	1515	..	68·30	..	..
D	Little Don Val. (Underbank Res.)	Sheffield Corporation W.W.	8	1 6	604	34·6	43·45	208	162
	Little Don Val. (Brockholes)	Sheffield Corporation W.W.	5	1 0	902	34·0	44·14	..	..
	Little Don Val. (Sheep House)	Sheffield Corporation W.W.	5	1 6	945	34·2	40·54	..	..
	Langsett Moor (Midhope) *new g.*	J. R. Fox, Esq., C.E.	5	1 0	823	..	53·34	209	168
D	Langsett Moor (Up. Midhope)	Sheffield Corporation W.W.	8	1 6	925	41·6	47·76	217	170
	Langsett Moor (Mickleden)	Sheffield Corporation W.W.	5	1 0	1217	48·0	60·11	..	..
	Langsett Moor (Mickleden) *new g.*	Sheffield Corporation W.W.	5	1 0	1110	..	64·29	..	..
	Langsett Moor (Catclough)	Sheffield Corporation W.W.	8	1 0	1516	47·8	60·43	..	..
	Langsett Moor (Fiddlers Green)	Sheffield Corporation W.W.	8	1 6	1493	48·7	60·62	..	..
	Langsett Moor (Fiddler's G.) *new g.*	Sheffield Corporation W.W.	5	1 0	1480	..	59·58	..	..
	Langsett Moor (Border Hill)	Sheffield Corporation W.W.	5	1 0	1148	46·9	62·31	..	..
D	Langsett Moor (Swinden Lodge) (+A)	Sheffield Corporation W.W.	8	1 0	1037	44·0	53·12	214	175
D	Langsett Moor (Flouch Road)	Sheffield Corporation W.W.	8	1 0	960	40·3	50·56	216	165
D	Wath-upon-Dearne (Chapel St.)	Dr. T. Crowley	8	1 3	188	24·8	25·51	151	121
	Dunford Bridge (Long Grain)	J. R. Fox, Esq., C. E.	5	1 0	1125	..	57·57	..	..
	Wogden Foot (Cat Clough)	J. R. Fox, Esq., C.E.	5	1 0	889	..	56·43	201	171
D	Balby (Sewage Works)	F. O. Kirby, Esq., C.E.	5	1 0	29	..	25·46	175	112
D	Low Pasture P.S.	F. O. Kirby, Esq., C.E.	5	1 0	24	..	24·78	168	111
D	Doncaster (Pumping Station) *new g.*	F. O. Kirby, Esq., C.E.	5	1 0	31	..	27·71	158	126
D	Bolton-on-Dearne (Goldthorpe)	E. Washington, Esq.	5	1 6	93	24·3	27·18	167	119
w	Dunford Bridge (Windledon)	G. E. V. Boldry, Esq., C.E.	8	2 2	1100	49·3	59·05	..	..
D	Dunford Bridge Res.	G. E. V. Boldry, Esq., C.E.	8	2 0	1111	49·2	56·87	202	172
w	Dunford Bridge (Dearden)	G. E. V. Boldry, Esq., C.E.	8	1 6	1244	49·3	58·89	..	..
w	Dunford Bridge (Harden)	G. E. V. Boldry, Esq., C.E.	8	2 0	1300	50·9	62·93	..	..
w	Dunford Bridge (Snailsden)	G. E. V. Boldry, Esq., C.E.	8	2 0	1477	50·8	60·58	..	..
D	Darfield (Sewage Wks.)	The Surveyor	5	1 0	106	..	26·91	170	123
	Penistone (Scout Dike Res.)	J. R. Fox, Esq., C.E.	5	1 0	730	32·8	35·74	212	152
	Penistone (Ingbirchworth Res.)	J. R. Fox, Esq., C.E.	5	1 0	853	38·0	40·00	202	130
	Penistone (Broadstone Res.)	J. R. Fox, Esq., C.E.	5	1 0	..	36·8	42·75	201	162
D	Barnsley (Jordan Hill)	J. R. Fox, Esq., C.E.	5	1 0	460	26·2	29·60	188	135
d	Bentley Colliery	Messrs. Barber, Walker & Co., Ltd.	5	1 0	23	..	24·74	..	..
D	Cawthorne (Cannon Hall)	J. M. Spencer Stanhope, Esq.	5	0 11	418	29·1	30·75	170	136
D	Barnsley (Burntwood Hall)	J. Dymond, Esq.	5	1 0	378	25·9	30·37	192	135
D	Kirk Bramwith	C. E. Farran, Esq., C.E.	5	2 6	22	23·2	26·18	170	116
D	Goole	Aire & Calder Navigation	5	1 0	18	22·9	24·01	154	121
	8.—OUSE—Aire—Calder. 361 sq. mi.								
D	Holmbridge (Yateholme Res.)	H. P. Joyce, Esq.	5	1 0	1009	59·2	74·23	219	182
D	Holmbridge (Yateholme Farm)	H. P. Joyce, Esq.	5	1 0	861	56·4	72·76	219	182
	Holmbridge (Bilberry Res.)	Messrs. Mallinson & Son	5	1 0	970	52·4	60·13	..	..
	Holmfirth (Holme Styes Res.)	Messrs. Mallinson & Son	5	1 0	830	45·7	52·59	..	..
	Holmfirth (Boshaw Whams R.)	Messrs. Mallinson & Son	5	1 0	930	49·7	53·34	..	..
D	Holmfirth (Snape Res.)	Holmfirth U.D.C.	6	1 0	1060	..	56·12	225	198
	Meltham (Harden Moss) *new g.*	J. W. Armitage, Esq., C.E.	8	1 0	1212	..	58·16	..	..
‖	Wessenden Head *new g.*	J. W. Armitage, Esq., C.E.	8	1 0	1270	..	58·03	..	..

‖ Gauge in 6 ft. square iron hurdle fence, 6 ft. high.

DIVISION IX—YORKSHIRE—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Day with ·04 in. or more.
	WEST RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	8.—OUSE—Aire—Calder—(*con.*).								
	Wessenden (Holly Bank Moss)	J. W. Armitage, Esq., C.E..	8	1 0	1280	..	59·11	..	..
‖	Wessenden (Old Reservoir)	J. W. Armitage, Esq., C.E..	8	1 0	1270	..	56·67	..	..
	Wessenden (Butterley Moss)	J. W. Armitage, Esq., C.E..	8	1 0	1110	..	58·56	..	..
‖	Meltham (Brow Grains)	J. W. Armitage, Esq., C.E..	8	1 0	900	45·0	58·20	..	..
	Meltham (Royd Edge)	C. L. Brook, Esq.	8	1 0	585	48·3	59·61	..	..
D	MELTHAM (Harewood Lodge)	C. L. Brook, Esq.	8	1 0	514	44·5	56·17	221	173
	Meltham Grange	J. W. Armitage, Esq., C.E..	8	1 0	850	41·1	53·06	..	..
‡	Marsden Reservoir	L.M. & S. Rly. Co.	5	1 0	657	50·5	61·00	..	..
	Marsden (Deer Hill)	J. W. Armitage, Esq., C.E..	8	1 0	1149	42·8	56·32	..	..
	Marsden (Deer Hill) *new g.*	J. W. Armitage, Esq., C.E..	8	1 0	1149	45·0	53·74	..	..
D	Slaithwaite (Blackmoorfoot)	J. W. Armitage, Esq., C.E..	8	1 0	800	43·1	52·78	239	171
D	Slaithwaite (Inglewood)	J. Woodhead, Esq.	5	1 0	546	43·5	53·74	230	166
d	Huddersfield (Bank Field, Golcar)	Miss M. J. R. Sykes	6	1 0	400	39·0	50·62	..	159
D	HUDDERSFIELD (RAVENSKNOWLE)	The Corpn. (Dr. Woodhead)	8	0 11	325	30·1	34·94	200	145
w	Huddersfield (Langley Ter.) (No. 1)	S. Morris Bower, Esq.	5	1 0	761	33·7	47·19	..	..
D	HUDDERSFIELD (OAKES)	S. Morris Bower, Esq.	5	1 0	761	34·3	46·37	222	170
w	Moss Moor (Linsgreave)	Wakefield Corpn. W.W.	5	1 0	1264	51·2	61·59	..	..
D	Rishworth (G. Walden Edge) *old g.*	Wakefield Corpn. W.W.	8	1 2	1135	49·3	59·09	222	176
D	Rishworth (G. Walden Edge) *check*	Wakefield Corpn. W.W.	5	1 0	1135	..	58·49	222	176
w	Rishworth (Long Clough)	Wakefield Corpn. W.W.	5	1 0	1000	..	64·91	..	..
w	Rishworth (Stott Hall) *new g.*	Wakefield Corpn. W.W.	5	1 0	935	45·0	53·97	..	..
D	Rishworth Lodge	Wakefield Corpn. W.W.	5	0 11	950	..	53·63	213	170
D	Rishworth (Green Withens Res.)	Wakefield Corpn. W.W.	5	1 0	1205	48·2	53·68	223	178
w	Rishworth (Pike End)	Wakefield Corpn. W.W.	5	1 0	1225	..	58·62	..	..
D	Rishworth (Ringstone Res.) (*lower*)	Wakefield Corpn. W.W.	5	1 0	962	45·8	56·30	210	173
w	Rishworth Moor (Greystones)	Wakefield Corpn. W.W.	5	1 4	1192	50·6	64·31	..	..
d	Soyland Moor (Rishworth Drain)	C. J. Batley, Esq., C.E.	8	1 0	1290	52·9	64·14	..	..
w	Soyland Moor (Summit) (East)	Wakefield Corpn. W.W.	5	0 11	1218	51·0	62·61	..	..
D	Soyland Moor (Stansfield Hey)	Wakefield Corpn. W.W.	5	1 0	700	..	50·45	200	173
D	Soyland Moor (Baitings)	Wakefield Corpn. W.W.	5	1 0	943	50·6	61·88	230	175
d	Soyland Moor (Byron Edge)	C. J. Batley, Esq., C.E.	8	1 0	1251	48·3	52·13	..	..
w	Soyland Moor (Manshead)	Wakefield Corpn. W.W.	5	1 0	1225	51·2	62·32	..	..
d	Walsden (White Holme)	C. J. Batley, Esq., C.E.	8	1 0	1240	..	55·94	..	..
D	Walsden (Calf Lee)	Rochdale Corporation	8	1 0	960	..	57·88	219	174
D	Walsden (Warland Res.)	Rochdale Corporation	8	1 0	1245	48·6	59·25	221	175
D	Walsden (Warland Drain)	Rochdale Corporation	8	1 0	1250	51·9	56·29	220	172
	Walton Hall	E. T. B. Simpson, Esq.	5	0 10	137	22·5	27·25	..	..
D	Horbury (Addingford Hos.)	J. H. Horsfall, Esq.	8	1 0	169	23·3	29·07	189	136
D	Mirfield (Cote Wall)	F. P. Mitchell, Esq.	8	1 0	200	30·2	37·93	185	145
D	Wakefield (Sewage Works)	J. H. Garner, Esq., B.Sc.	5	1 0	85	..	28·73	171	124
D	WAKEFIELD (Clarence Park)	Wakefield Corpn. W.W.	5	1 0	124	25·4	27·43	206	136
D	Normanton (Haw Hill Park)	The Surveyor, U.D.C.	8	1 1	136	23·3	26·48	180	125
w	Walsden (Ramsden Hill)	Rochdale Corporation	5	1 0	1326	52·0	59·88	..	..
D	Walsden (Ramsden Reservoir)	Rochdale Corporation	5	1 0	993	52·7	58·66	214	184
D	Todmorden (Fielden Hospital)	L. A. Crabtree, Esq.	5	1 0	650	..	61·29	229	177
D	Todmorden (Sourhall Hospital)	L. A. Crabtree, Esq.	5	1 0	1020	53·8	62·54	226	183
D	Halifax (Public Library)	E. Green, Esq.	8	0 8	625	34·3	41·55	209	159
D§	Dewsbury (Mitchell Laithes Sew.Wks.)	The Manager	8	1 0	115	..	30·05	189	140
D	Dewsbury (Municipal Offices) (+A)	The Borough Engineer	5	1 6	225	..	29·36	176	132
D	Dewsbury (Crow Nest Park)	H. Roscoe, Esq.	8	0 9	300	..	32·28	190	137
D	Batley (Staincliffe Reservoir)	H. P. Joyce, Esq.	5	1 0	492	24·1	31·70	191	140
D	Ardsley (Jaw Hill Filters)	Wakefield Corpn. W.W.	5	1 0	315	22·4	29·25	176	137
D	Ardsley Reservoir *Upper*	Wakefield Corpn. W.W.	5	1 2	395	23·9	30·69	181	137
D	Halifax W.W. (Albert Res.)	E. P. Brook, Esq., C.E.	5	1 0	795	35·3	46·90	203	162
D	Halifax W.W. (Gibbet Res.)	E. P. Brook, Esq., C.E.	5	1 0	565	34·6	43·47	199	159
D	Halifax W.W. (Ramsden Wood)	E. P. Brook, Esq., C.E.	5	1 0	815	38·3	45·91	170	157
D	Hebden Bridge (Burnside)	Mrs. R. Redman	5	1 0	830	43·9	53·14	233	179
D	Halifax W.W. (Castle Carr Lo.)	E. P. Brook, Esq., C.E.	5	1 0	1060	42·6	52·75	231	178
w	Halifax W.W. (Midgley Mr.) *new g*	E. P. Brook, Esq., C.E.	8	1 0	1350	44·3	56·58	..	..
w	Halifax W.W. (Warley Mr.) *new g*	E. P. Brook, Esq., C.E.	8	1 0	1325	43·0	53·78	..	..
D	Halifax W.W. (Ogden)	E. P. Brook, Esq., C.E.	5	1 0	990	43·5	52·35	205	168
w	Halifax W.W. (Ovenden Mr.) *new g*	E. P. Brook, Esq., C.E.	8	1 0	1375	41·8	57·10	..	..

‖ Gauge in 6ft. square iron hurdle fence, 6ft. high. ‡ Gauge on a steep bank. § Exposure unorthodox.

DIVISION IX—YORKSHIRE—(*con.*).

	STATIONS.	AUTHORITIES.	Rain-gauge Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
	WEST RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	8.—OUSE—Aire—Calder—(*con.*).								
W	Halifax W.W. (Gorple)	E. P. Brook, Esq., C.E.	8	1 0	1320	47·0	52·47	..	..
D	Halifax W.W. (Gorple Res.)	E. P. Brook, Esq., C.E.	5	1 0	1028	41·1	59·09	222	186
D	Halifax W.W. (Widdop)	E. P. Brook, Esq., C.E.	5	1 0	1050	46·3	52·69	206	169
D	Halifax W.W. (Walshaw Dean L.)	E. P. Brook, Esq., C.E.	5	1 0	1040	48·1	54·70	199	172
W	Halifax W.W. (Walshaw Dean)	E. P. Brook, Esq., C.E.	8	1 0	1380	44·8	50·03	..	..
	9.—OUSE—Aire. 504 sq. mi.								
D	PONTEFRACT (The King's School)	The Headmaster	5	1 0	255	23·3	26·04	164	119
d	Rawcliffe (Black Drain P.S.)	G. H. Simmons, Esq.	5	1 3	104	..	(24·16)	(163)	(113)
D	Pontefract (Roall W.W.)	W. H. Newton, Esq., C.E.	8	1 0	42	23·0	24·98	170	116
D	Rothwell (Lemonroyd Sew. Wks.)	Rothwell U.D.C.	5	1 0	64	..	26·46	181	129
	Bradford (Grange Rd., Horton)	A. E. Chilton, Esq.	5	3 0	450	34·3	40·93	194	160
	Bradford (Brayshaw Reservoir)	W. Newlands, Esq., C.E.	5	1 0	982	36·5	48·50	..	..
D	BRADFORD (Lister Park)	The Corporation	8	1 0	439	33·9	40·02	192	162
D	Bradford (Thornton Moor Filters)	W. Newlands, Esq., C.E.	5	1 0	1190	44·3	53·94	222	180
D	Bradford (Stubden Res.) No. 8.	W. Newlands, Esq., C.E.	5	1 0	1071	44·9	58·75	209	174
M	Bradford (Nan Scar, Oxenhope)	W. Newlands, Esq., C.E.	5	1 0	1101	47·6	55·19	..	..
M	Bradford (Stairs Top, Oxenhope)	W. Newlands, Esq., C.E.	5	1 0	1360	52·4	69·42	..	..
D	Bradford (Leeming Reservoir)	W. Newlands, Esq., C.E.	5	1 0	850	41·0	55·28	203	165
D	Bradford (Doe Park Reservoir)	W. Newlands, Esq., C.E.	5	1 0	756	..	51·85	202	166
D	Bradford (Leeshaw Res.)	W. Newlands, Esq., C.E.	5	1 0	875	47·3	62·88	213	175
D	Bradford (Chellow Dean Res.)	W. Newlands, Esq., C.E.	5	1 0	645	34·5	44·09	195	163
D	Bradford (Chellow Heights Res.)	W. Newlands, Esq., C.E.	5	1 0	848	36·6	42·83	177	159
D	Bradford (Hewenden Res.)	W. Newlands, Esq., C.E.	5	1 0	677	..	47·23	195	160
D	Bradford (Heaton Reservoir)	W. Newlands, Esq., C.E.	5	1 0	531	32·6	39·80	187	155
	Leeds (Wortley Reservoir)	H. Shortreed, Esq.	8	0 9	307	28·1	32·34	186	142
	Leeds (Knostrop)	H. Shortreed, Esq.	8	0 9	72	24·0	27·29	163	125
	Leeds (Woodhouse Moor)	H. Shortreed, Esq.	8	0 9	307	26·7	31·44	187	143
D	Seacroft (Leeds City Hospital)	The Medical Superintendent	8	1 0	235	29·3	31·42	155	127
	Leeds (Weetwood Res.)	H. Shortreed, Esq.	8	0 9	328	27·5	32·69	196	145
d	Leeds (Weetwood Garth)	Mrs. F. Gott, J.P.	5	1 0	300	27·7	35·28	..	133
D	Haworth (Harbour Lodge)	J. Noel Wood, Esq., M.C., C.E.	8	1 0	1165	52·5	63·27	201	182
D	Haworth (Lr. Laithe Res.) (+A)	J. Noel Wood, Esq., M.C., C.E.	6	1 0	772	48·1	56·64	207	171
D	Oakworth (Oldfield Filters)	J. Noel Wood, Esq., M.C., C.E.	5	1 0	1008	44·6	60·60	211	181
D	Oakworth (Oldfield Filters) No. 2	J. N. Wood, Esq., M.C., C.E.	5	1 0	978	..	59·08	211	177
D	Rawdon	Rawdon U.D.C.	5	1 0	579	29·0	29·27	173	131
D	BINGLEY (ST. IVES RES. STN.)	The Director	8	1 0	605	..	42·61	201	156
D§	Bingley (Gilstead Filters)	W. Newlands, Esq., C.E.	5	1 0	572	..	42·57	197	158
D	Keighley (The Knowle)	P. Clough, Esq.	5	1 0	390	38·0	42·33	201	158
D	Keighley (Victoria Park)	R. Butterfield, Esq.	5	1 0	304	35·7	42·13	195	157
D	Bingley (East Morton)	J. Rhodes, Esq.	5	1 0	530	32·2	37·60	195	158
	Bingley (Sunnydale Reservoir)	W. Newlands, Esq., C.E.	5	1 0	825	33·1	35·33	..	..
d	Salterforth (Barnoldswick W.W.)	Barnoldswick U.D.C.	8	1 4	832	46·6	55·54	(213)	(162)
D	Earby (Sewage Works) (+A)	The Surveyor	5	1 9	426	39·3	43·91	191	149
M	Silsden (Gill Grange)	W. Newlands, Esq., C.E.	5	1 0	883	30·8	34·82	..	..
D	Silsden Reservoir	W. Newlands, Esq., C.E.	5	1 0	560	31·2	40·38	191	158
M	Silsden (Cringles Res. Site)	W. Newlands, Esq., C.E.	5	1 0	715	31·3	39·48	..	..
D	Elslack (Stories Farm) *new g.*	Barnoldswick U.D.C.	5	1 0	675	..	44·94	207	165
	Carleton (Beech Hill)	W. Cyril Empson, Esq.	8	1 3	425	37·8	45·29	..	..
D	Skipton (Town Hall) (+A)	A. E. W. Aldridge, Esq.	6	1 6	367	33·5	39·86	185	157
	Gargrave (Banks Hill Banknewton)	Leeds & Liv'pool Canal Co.	8	1 0	545	35·5	41·85	..	..
	Gargrave (Ray Bridge Hill)	Leeds & Liv'pool Canal Co.	8	0 10	459	34·2	46·33	..	..
D	Skipton (Embsay Moor) (+A)	A.E.W. Aldridge, Esq.	5	3 1	670	..	38·61	192	158
	Winterburn (Long Hill)	Leeds & Liv'pool Canal Co.	8	1 0	705	37·8	38·32	..	..
	Winterburn (Brown Hill)	Leeds & Liv'pool Canal Co.	8	1 0	961	42·8	40·25 ?	..	..
	10.—OUSE—Wharfe. 408 sq. mi.								
D	Aberford (Lotherton Hall)	Col. R. T. T. Gascoigne, D.S.O.	5	1 0	208	24·5	29·88	162	136
	Adel (Eccup, East)	H. Shortreed, Esq.	8	0 9	375	29·3	30·72	183	142
	Harewood (Arthington)	H. Shortreed, Esq.	8	0 9	139	32·0	33·94	214	147
D	Harewood House	Dowager Countess of Harewood.	5	0 10	300	29·7	38·16	163	155
D	Ilkley (Silverwell Cottage)	The Engineer & Surveyor	5	1 0	900	38·2	44·67	197	166
D	ILKLEY (Spence's Garden)	The Engineer & Surveyor	5	1 0	315	35·1	42·23	197	154
	Leathley (Lindley Wood, S.)	H. Shortreed, Esq.	8	0 9	312	31·6	33·37	194	152
D	Ilkley (March Gill Reservoir)	C. F. Hodgson, Esq., C.E.	5	1 0	655	34·0	40·57	200	152

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	WEST RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	10.—OUSE—Wharfe—(*con.*).								
D	York (Middlethorpe Hall)...No. 2.	Mr. J. Fletcher.....	5	1 0	48	..	29·52	170	123
D	York (Chalfonts).....	Arnold S. Rowntree, Esq....	5	1 0	57	..	29·31	164	132
D	York (Bishopthorpe Road).....	J. Terry & Sons Ltd.....	5	1 0	54	..	28·23	169	125
d	York (Cherry Hill).....	Messrs. H. Richardson & Co.	5	1 6	50	24·2	27·92	..	..
D	York (Acomb Landing).....	W. H. Humphreys, Esq., C.E.	5	1 0	40	22·6	30·20	170	143
M	Skipton (Counter Hill)	W. Newlands, Esq., C.E. ..	5	1 0	951	30·2	36·36	..	..
D	Skipton (Chelker Reservoir)	W. Newlands, Esq., C.E. ..	5	1 0	730	32·9	37·31	194	157
	Fewston (Timble Ings).....	H. Shortreed, Esq.	8	0 9	912	35·5	46·45	200	167
	Fewston (Swinsty, East).....	H. Shortreed, Esq.	8	0 9	460	34·4	37·43	171	141
	Fewston, North.....	H. Shortreed, Esq.	8	0 9	525	..	43·48	214	159
	Fewston (Blubberhouses).....	H. Shortreed, Esq.	8	0 9	575	37·1	46·29	214	162
D	Bolton Abbey Estate Office.....	A. Downs, Esq.....	5	1 2	368	36·3	40·20	191	159
D§	Barden Reservoir	W. Newlands, Esq., C.E. ..	5	1 0	746	41·8	53·14	222	167
M	Upper Barden Reservoir	W. Newlands, Esq., C.E. ..	5	1 0	1163	..	57·22	..	..
	Thruscross (Lane Head).....	H. Shortreed, Esq.	8	0 9	950	..	50·71	220	167
M§	Burnsall (Thorpe Fell)	W. Newlands, Esq., C.E. ..	5	1 0	1661	..	53·27	..	..
M	Burnsall (Sandbed Beck).....	W. Newlands, Esq., C.E. ..	5	1 0	676	41·0	51·22	..	..
D	Grimwith Reservoir	W. Newlands, Esq., C.E. ..	5	1 0	893	43·9	46·03	217	174
M	Grimwith (Trunla Hill)	W. Newlands, Esq., C.E. ..	5	1 0	1201	..	52·69	..	..
D	Buckden.....	G. E. Clayton, Esq.....	5	1 0	800	54·9	61·50	200	178
D	Oughtershaw Hall.....	Miss G. J. Woodd.....	5	1 6	1175	68·7	72·33	188	175
	11.—OUSE—Nidd. 254 sq. mi.								
d	Wetherby (Stockeld Park).....	C. E. Johnson, Esq.	5	1 2	500	25·8	28·69	..	118
	Spofforth (Sewage Works).....	C. E. Rivers, Esq., C.E.....	5	1 0	184	27·0	31·53	175	135
d	Poppleton	Second Anglo-Scottish Sugar Corpn..	8	0 8	60	..	30·10	..	..
d	Wetherby (Ribston Gardens)	Mr. P. Hornby.....	5	1 2	130	26·5	32·23	..	130
M	Harrogate W.W. (Ling Cottage)...	A. S. West, Esq., C.E.....	5	1 0	740	30·5	36·02	..	..
M	Harrogate W.W. (Broad Dubb)...	A. S. West, Esq., C.E.....	5	1 0	725	31·8	37·18	..	..
M	Harrogate W.W. (Cobblers Cott.)..	A. S. West, Esq., C.E.....	5	1 0	730	30·9	35·81	..	..
D	Harrogate W.W. (Ten Acres Res.)..	A. S. West, Esq., C.E.....	8	1 6	620	..	38·32	197	160
D	Harrogate W.W. (Scargill Res.)...	A. S. West, Esq., C.E.....	8	1 0	646	32·4	38·04	195	156
D	Harrogate W.W. (Beaver Dyke R.).	A. S. West, Esq., C.E.....	8	0 11	575	31·0	37·29	192	156
M	Harrogate W.W. (John o' Gaunts).	A. S. West, Esq., C.E.....	5	1 0	600	31·2	36·57	..	..
M	Harrogate W.W. (Long Stoop)....	A. S. West, Esq., C.E.....	5	1 0	700	31·3	35·43	..	..
M	Harrogate W.W. (Knab's Moor)...	A. S. West, Esq., C.E.....	5	1 0	700	30·0	35·06	..	..
D	Harrogate (Harlow Moor Obsy.) .	C. E. Rivers, Esq., C.E.....	5	1 0	478	30·6	32·96	172	134
D	Harrogate (Harlow Hill Res.).....	A. S. West, Esq., C.E.....	8	1 0	589	..	33·64	177	145
D	Harrogate (Duchy Road).....	J. S. Farrah, Esq.....	5	1 0	450	29·2	35·26	167	140
D	Harrogate (Irongate Bridge Res.)..	A. S. West, Esq., C.E.....	8	1 6	455	29·3	35·98	177	145
D	Knaresborough (Goldsbro Hall Gdns).	Mr. R. Wilson.....	5	1 0	112	25·8	28·91	169	130
	Harrogate (Bilton Sewage Works)..	C. E. Rivers, Esq., C.E.....	5	1 0	208	28·5	32·06	176	135
D	Birstwith Hall.....	Sir F. A. Aykroyd, Bt.....	5	1 6	375	34·4	38·41	180	149
D	Birstwith (Swarcliffe).....	Capt. C. S. Greenwood.....	5	1 0	510	33·9	37·72	190	153
	Ramsgill (Holme Ho. Gouthwaite)	W. Newlands, Esq., C.E. ..	5	1 0	464	39·9	43·71	..	..
D	Ramsgill (Raygill House)	W. Newlands, Esq., C.E. ..	5	1 0	925	46·7	50·92	182	155
D	Ramsgill	W. Newlands, Esq., C.E. ..	5	1 0	450	42·1	48·29	171	153
D	Middlesmoor (Stean Moor).....	Sir F. A. Aykroyd, Bt.	5	1 6	1000	49·6	58·94	175	159
M	Nidderdale (East Gill Head)	W. Newlands, Esq., C.E. ..	5	1 0	1710	57·6	59·19	..	..
M	Nidderdale (Rain Stang)	W. Newlands, Esq., C.E. ..	5	1 0	1470	47·4	49·74	..	..
D	Nidderdale (New Houses)	W. Newlands, Esq., C.E. ..	5	1 0	755	45·8	47·60	192	161
D	Nidderdale (West Houses)	W. Newlands, Esq., C.E. ..	5	1 0	1165	52·5	66·03 ?	238	182
d	Burton Leonard.....	B. Coore, Esq.....	5	1 0	290	..	30·20	..	..
	Dallow Moor (Harper Hill).....	H. Shortreed, Esq., ...	8	0 9	819	..	38·17	172	148
d	Ripon (Studley Royal Gdns.)	F. M. Sutherland, Esq.	5	1 6	330	29·1	36·32	(157)	(138)
D	Ripon (The Red House).....	F. D. Wise, Esq., C.E.....	5	1 0	120	27·2	32·55	170	142
	Kirby Malzeard (Drovers' Inn)....	H. Shortreed, Esq.	8	0 9	576	36·0	39·78	150	140
	Kirby Malzeard (Hawsett).....	H. Shortreed, Esq.	8	0 9	820	37·1	41·00	184	150
W	Kirby Malzeard (Hambleton Hill) .	H. Shortreed, Esq.	8	0 9	1106	39·7	43·84	..	..
	Kirby Malzeard (Bagwith Brae)...	H. Shortreed, Esq.	5	0 9	703	32·9	39·16	210	149
	Kirby M. (Stone & Ears Wham) ...	H. Shortreed, Esq.	8	0 9	1118	39·7	45·89	..	..

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
EAST RIDING. (Area, 1,176 sq. mi.).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—OUSE—Left Bank Tributaries. 82 sq. mi.								
D York (Heslington)	Hon.L.de Yarburgh-Bateson	8	1 0	39	25.3	31·36	164	141
D York (Dunnington Hall)	Miss E. C. Hildyard	8	1 2	110	24·6	31·33	197	142
2.—OUSE—Derwent. 248 sq. mi.								
D Birdsall Gardens	Mr. J. Anderson	5	1 2	308	29·2	30·58	156	132
D Westow Vicarage	Rev. G. T. W. Purchas	5	1 6	190	25·8	27·88	177	121
D Rillington (Scampston Hall)	W. H. St. Quintin, Esq.	5	1 6	102	27·1	30·02	170	138
D Ganton (Golf Club)	The Secretary	5	1 3	130	..	27·48	169	133
D Ganton (Ganton Hall)	H. Wrigley, Esq.	5	1 0	250	27·5	28·82	177	132
3.—HUMBER—Left Bank Tributaries. 675 sq. mi.								
D SPURN HEAD (Lighthouse) *new g.*	Lightkeeper (M.O.)	8	1 0	29	24·0	28·60	166	116
D Patrington (Rose Cottage)	Miss S. A. Kirman, for M.O.	5	1 3	46	23·3	25·13	157	117
D Withernsea (Lascelles Av.)	H. Knight, Esq.	5	0 10	26	..	25·70	188	114
D HULL (Pearson Park)	The Superintendent	5	0 10	8	25·4	26·06	159	120
D Hull (Springhead)	T. H. Jones, Esq., C.E.	5	1 0	16	25·5	28·56	160	125
D Cottingham (Dunswell P.S.)	T. H. Jones, Esq., C.E.	5	1 0	6	..	26·44	162	126
D Holme-on-Spalding Moor	C. J. Pybus, Esq.	8	1 0	30	25·9	27·78	179	139
D Beverley (E. Riding Mental Hosp.)	Medical Superintendent	5	1 0	175	26·5	30·11	163	130
D Beverley (New Walk)	F. J. Affleck, Esq.	5	3 0	38	26·9	29·79	161	135
d Beverley (Hull Bridge)	F. J. Affleck, Esq.	5	2 6	11	24·9	29·50	..	117
D Market Weighton (Dalton Holme)	J. P. Jobling, Esq.	8	6 0	120	27·3	29·11	183	132
D Brandesburton (Hempholm Lk.)	F. J. Affleck, Esq.	5	2 6	11	24·6	27·37	158	134
D Driffield (Council School)	The Headmaster	5	1 0	69	27·2	29·99	176	122
D Lowthorpe (The Elms)	F. K. Hawes, Esq.	5	1 0	63	26·5	26·91	168	124
4.—EAST COAST STREAMS. 171 sq. mi.								
D Bridlington (Corpn. Nurseries)	Parks Superintendent	5	1 0	60	25·6	29·84	199	150
D BRIDLINGTON (School)	The Headmaster	5	1 0	76	..	26·95	170	125
d Burton Fleming (Council School)	The Headmaster	5	1 0	128	27·3	30·49	..	..
M Ganton (Willerby Wold)	Major W. F. Wormald	5	1 2	565	..	28·68	..	..
d Filey (Muston Road)‡	J. R. Wiseman, Esq.	8	2 0	150	24·8	(28·53)	(178)	(143)
NORTH RIDING. (Area, 2,155 sq. mi.).								
1.—OUSE—Ure. 273 sq. mi.								
Masham Moor (Arnagill Beck, W.)	A. S. West, Esq., C.E.	5	1 0	1210	..	45·95	..	..
Masham Moor (Arnagill Beck, E.)	A. S. West, Esq., C.E.	5	1 0	1150	..	43·85	..	..
Masham Moor (Grey Ridge)	A. S. West, Esq., C.E.	5	1 0	1330	..	49·56	..	..
Masham Moor (Low Ash Head)	A. S. West, Esq., C.E.	5	1 0	845	..	46·19	..	..
Masham Moor (Agill Head)	A. S. West, Esq, .C.E.	5	1 0	1380	..	49·45	..	..
D West Tanfield Rectory	Mr. H. H. Milman	5	1 0	150	28·7	33·17	180	132
D Masham Moor (Roundhill Res.)	A. S. West, Esq., C.E.	8	1 0	743	37·6	39·87	218	154
Masham Moor (Somerside)	H. Shortreed, Esq.	5	0 9	928	38·8	42·20	201	154
W Masham Moor (High Sour Mire)	H. Shortreed, Esq.	5	0 9	884	..	38·34	..	..
Masham Moor (Leighton Res.)	H. Shortreed, Esq.	5	0 9	634	35·9	40·51	186	147
Masham Moor (Towler Hill)	H. Shortreed, Esq.	8	0 9	820	36·7	42·16	197	152
Masham Moor (Breary Bank)	H. Shortreed, Esq.	5	0 9	600	36·8	41·04	198	148
Masham Moor (Healey Pasture)	H. Shortreed, Esq.	5	0 9	620	36·1	38·93	191	153
Masham Moor (Low Houses)	H. Shortreed, Esq.	5	0 9	693	37·9	44·55	215	164
D Clifton Castle Gardens	Lady Cowell.	5	1 0	380	29·9	35·17	178	139
d Middleham (Castle Hill)	C. T. Dixon-Johnson, Esq.	5	1 0	470	31·7	32·88	..	134
D West Burton (Flanders Hall)	G. T. Whitehead, Esq.	5	2 0	520	..	42·43	210	163
D West Witton (Ivy House)	J. B. Espiner, Esq.	5	1 0	605	34·1	37·39	195	151
D Leyburn (Spennithorne)	F. M. Curtis, Esq., F.R.Met.S.	5	1 0	358	..	34·36	189	135
D Leyburn (Bolton Hall)	Mr. F. Scrivener	5	1 0	420	32·6	36·00	189	141
D Askrigg (Yorebridge Gram. Sch.)	F. E. Chevins, Esq.	5	0 11	670	..	49·76	209	168

‡ Moved from the Vicarage October 1st.

DIVISION IX—YORKSHIRE—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
NORTH RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—OUSE—Swale. 569 sq. mi.								
D Dalton Parsonage	Rev. G. H. Chilman	5	1 0	79	23·0	30·25	175	137
d Coxwold (The Old Hall)	H. Geipel, Esq.	4	1 6	260	26·1	33·49	..	157
D Thirsk (Sowerby)	Mrs. W. Brown	5	0 11	110	24·7	32·94	185	135
D Thirsk (South Villa)‡	B. Foggitt, Esq.	5	1 0	115	24·7	32·30	168	129
M Felixkirk (Thirlby)	A. J. Walker, Esq.	5	1 0	338	27·1	34·92	..	..
D Felixkirk (Mount St. John) (+A)	A. J. Walker, Esq.	5	1 0	540	25·8	34·62	188	140
D Felixkirk (Mount St. John) No.1	A. J. Walker, Esq.	5	1 0	540	26·5	34·41	186	141
d Bedale (Snape School)	The Headmaster	5	1 0	145	..	28·43	..	..
D Boltby (Ravensthorpe Manor)	F. E. Walker, Esq.	5	1 7	661	27·4	34·96	189	141
M Boltby, East	A. J. Walker, Esq.	5	1 0	459	26·2	35·62	..	..
M Boltby (High Paradise)	A. J. Walker, Esq.	5	1 3	1144	32·8	43·37	..	..
D Bedale (The Hermitage)	C. Clarke, Esq., F.S.I.	5	0 10	465	26·3	29·66	162	132
D Maunby Hall	Major A. Hill-Walker, V.C..	5	1 0	90	23·9	29·11	155	136
D Scruton Hall	A. Coore, Esq.	5	1 6	100	23·8	25·44	173	125
M Swaledale (Gunnerside Lodge)	Rt. Hon. Lord Rochdale...	5	1 0	900	47·8	52·38	..	..
D Northallerton (Brompton)	J. P. Yeoman, Esq.	5	1 0	150	23·7	30·87	193	137
Osmotherly (Oakdale W.W.)	Northallerton U.D.C.	5	1 0	600	..	33·37	..	..
D Catterick (Aerodrome) (+A)	Meteorological Officer	8	1 0	175	..	25·68	179	125
D East Harlsey (Harlsey Hall)	Mrs. Constantine	5	1 0	370	..	31·62	155	137
d Richmond (C.E. School)	R. Hornby Esq.	5	1 0	430	..	32·58	..	..
D Reeth (Arkengarthdale)	Samuel Gott, Esq.	5	1 0	940	41·0	49·39	167	151
w Middleton Tyas	Mrs. Baker-Baker	5	0 10	380	25·7	30·66	..	..
3.—OUSE—Left Bank Tributaries. 153 sq. mi.								
D York (Museum)	Yorks. Phil. Soc. (Dr. W. L. Collinge)	5	1 0	57	24·3	29·83	168	128
d Stockton-on-Forest (Stockton Hall)	Mrs. Lloyd	5	1 4	30	21·5	24·33	..	112
Haxby (Moorlands)	E. G. Tew, Esq.	6	1 6	59	24·1	30·25	..	..
4.—OUSE—Derwent. 509 sq. mi.								
D Welburn	R. Child, Esq.	5	1 0	190	26·1	32·29	211	141
D Malton (Broughton Road)	C. C. Laverack, Esq.	5	1 0	161	25·5	27·37	166	129
D Terrington (The Cliff)	Sir Alfred Lascelles	5	0 9	350	..	31·02	152	142
D Hovingham Hall	Capt. W. A. Worsley	5	0 9	119	29·0	32·93	183	140
D Ampleforth Abbey (*new site*)	Rev. J. B. Boyan, O.S.B.	5	1 0	313	..	34·45	174	131
D Oswaldkirk (Leyesthorpe Hall)	Major G. B. Foster	5	1 0	231	..	30·07	154	129
D Helmsley (Boys' School)	E. W. Williams, Esq.	5	1 0	225	..	36·15	200	148
D Pickering (Hungate Hall)	Dr. J. L. Kirk	5	3 0	90	26·8	31·19	167	137
D Seamer (Irton Pump. Station)	J. Paton Watson, Esq., C.E	8	1 0	94	28·7	30·62	192	139
D Scarborough (Osgodby)	J. Paton Watson, Esq., C.E.	8	1 0	166	26·1	27·16	188	140
D East Ayton (Derwent House)	A. H. Robinson, Esq.	5	1 4	110	27·0	32·25	175	145
D Kirkby Moorside (Ravenswyke)	Capt. V. H. Holt, M.C., J.P.	5	1 0	270	27·2	31·37	168	144
D Thornton Dale (High Dalby Ho.)	J. A. Coulson, Esq.	5	1 0	325	..	32·88	154	136
D Farndale (The Vicarage)	W. J. Binnie, Esq., M.A., C.E.	8	1 0	475	..	40·75	198	155
5.—ESK & C. 278 sq. mi.								
D Scarborough	Medical Officer of Health	5	1 1	118	25·8	27·69	181	138
D Scarborough (Scalby)	Capt. W. H. L. Wordsworth	5	1 0	210	..	32·03	194	146
D Scarborough (Scalby, St. Philips)	L. T. Stewart, Esq.	5	1 0	130	26·1	25·38	178	128
d Cloughton (Cober Hill)	Yorkshire Guest House, Ltd.	5	1 0	250	..	28·94	..	..
D Egton Bridge (Bridgeholme)	Lt.-Col. R. Astley Smith....	5	1 0	130	33·3	37·87	176	148
D Glaisdale (The Gables Gardens)	Mr. G. Horton	5	0 9	400	35·6	39·74	162	145
D Sleights	T. B. Cannell, Esq.	5	1 0	275	..	39·00	171	148
D Sleights (The Hall)	P. M. Horsfall, Esq.	5	1 0	220	30·7	34·56	176	146
D Danby (The School House)	J. W. Lynas, Esq.	5	1 0	500	35·2	39·28	198	160
D Castleton	Miss M. H. Punch	5	1 0	450	..	37·15	197	147
d Danby Lodge	Head Gardener	5	1 0	500	35·6	40·00	..	157
D Whitby (Park Hall, Aislaby)	Rev. J. H. Richardson	5	1 0	500	30·7	31·83	194	140
D Whitby (Pannett Park)	The Park Superintendent..	8	1 0	148	..	30·47	186	136
D Whitby (Westthorpe)	Rev. M. A. C. Horsfall	6	1 6	150	..	31·04	178	156
D Whitby (Mulgrave Castle)	Mr. J. Corbett	5	1 0	410	29·1	32·12	195	147
D Guisborough (Lockwood Res.)	Cleveland Water Co.	8	1 0	632	33·0	35·63	216	166
D Saltburn (Skelton Castle)	Col. W. H. A. Wharton	5	0 9	272	28·1	30·03	199	159

‡ Moved from Thirsk (Stoneybrough).

DIVISION IX—YORKSHIRE—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	NORTH RIDING—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	6.—TEES. 373 sq. mi.								
D	Ingleby Manor	Lord DeL'Isle & Dudley	5	1 0	460	33·9	33·13	181	141
D	Kildale Hall	Major R. B. Turton	5	1 2	600	35·5	36·45	216	151
D	Crathorne Hall Gardens	J. L. Dugdale, Esq.	5	1 3	185	25·0	28·30	180	144
D	Barningham Park	Sir F. Milbank, Bart.	8	1 0	750	32·6	41·20	213	155
d	Yarm (Worsall Hall)	Major H. K. D. Evans	5	1 0	60	..	28·77	..	136
D	Nunthorpe (The Box)	G. D. Cochrane, Esq.	5	1 3	287	25·2	31·32	181	145
D	Marton-in-Cleveland (Gartheen)	G. R. Collinson, Esq., C.E.	5	1 0	160	23·5	28·91	192	140
D	Middlesbrough (Albert Park)	R. Sutcliffe, Esq.	5	1 0	30	23·7	27·72	169	134
M	Baldersdale (Aygill)	G. R. Collinson, Esq., C.E.	5	1 0	1250	45·0	50·50	..	..
D	Lartington Filters	G. R. Collinson, Esq., C.E.	5	1 0	725	30·2	37·79	193	153
M	Baldersdale (Blackton Res.)	G. R. Collinson, Esq., C.E.	5	1 0	937	40·5	48·10	..	..
M	Baldersdale (Balderhead)	G. R. Collinson, Esq., C.E.	5	1 0	1320	45·7	49·50	..	..
D	Baldersdale (Hury R.) *old g site*	G. R. Collinson, Esq., C.E.	5	1 0	866	36·0	40·92	202	161
D	Baldersdale (Hury R.) *new g site*	G. R. Collinson, Esq., C.E.	5	1 0	862	37·3	41·54	202	161
M	Lunedale (Dow Crag)	G. R. Collinson, Esq., C.E.	5	1 0	1720	56·0	61·80	..	..
M	Lunedale (Lunehead)	G. R. Collinson, Esq., C.E.	5	1 0	1450	55·6	60·00	..	..
M	Lunedale (Selset)	G. R. Collinson, Esq., C.E.	5	1 0	924	40·8	45·20	..	..
D	Lunedale (Grassholme Res.)	G. R. Collinson, Esq., C.E.	5	1 0	936	39·7	42·72	195	170
M	Lunedale (Keekham)	G. R. Collinson, Esq., C.E.	5	1 0	1660	59·5	69·90	..	..
M	Lunedale (Hargill)	G. R. Collinson, Esq., C.E.	5	1 0	1320	53·4	58·30	..	..

DIVISION X—NORTHERN COUNTIES.

DURHAM. (Area, 1,011 sq. mi.).

	1.—TEES & C. 396 sq. mi.								
D	Darlington (South Park)	T. J. Morrison, Esq.	5	1 0	150	27·1	29·19	202	137
D	Darlington (Broken Scar)	G. R. Collinson, Esq., C.E.	5	1 0	158	26·2	29·32	175	134
D	Darlington (Stanhope Road)	Rev. A. W. M. Close	5	1 0	180	27·2	30·06	181	143
D	Darlington (Fighting Cocks Res.)	G. R. Collinson, Esq., C.E.	5	1 0	150	25·2	27·67	181	141
D	Egglescliffe	G. C. Jones, Esq.	8	1 2	100	24·0	29·89	179	136
D	Whorlton Vicarage	Rev. E. E. Gleaves	5	1 0	400	25·7	30·65	180	134
D	Piercebridge (Carlbury Hall)	J. H. Pease, Esq.	5	1 0	222	26·3	29·35	181	128
D	Gainford	H. L. Fife, Esq.	5	1 0	260	26·3	28·99	163	121
D	Barnard Castle (Bowes Museum)	S. E. Harrison, Esq.	6	1 0	500	30·4	37·54	204	149
D	Barnard Castle (County School)	The Bursar	5	1 6	540	29·1	36·67	196	146
D	Long Newton Reservoir	G. R. Collinson, Esq., C.E.	5	1 0	184	25·5	28·74	186	140
D	Stockton-on-Tees (Hartburn Lo.)	C. Nielsen, Esq.	5	0 10	45	24·4	29·62	199	154
d	Stockton-on-Tees (Ropner Park)	Park Curator	5	0 9	61	22·9	27·12	..	..
D	Stockton-on-Tees (Billingham)	I.C.I. (Fert. & Syn. Prod.) Ltd.	5	1 6	35	23·3	26·12	178	129
D	Billingham-on-Tees (+A)	The Engineer & Surveyor	8	1 0	58	..	25·97	181	127
D	Staindrop (Raby Castle) *new g*	Lord Barnard	5	1 0	450	27·6	34·51	204	147
d	Eggleston (Sunny Brae)	E. A. Smith, Esq.	5	1 6	1200	..	37·18	..	..
d	Middleton-in-Teesdale School	The Headmaster	5	1 0	740	35·9	39·67	..	..
D	Middleton-in-Teesdale (Newbiggin) *new g*	R. Coggins, Esq.	5	1 0	1000	40·8	50·34	211	178
D	Hurworth Burn (Crookfoot Res.)	J. R. Bradshaw, Esq.	10	1 6	296	25·4	28·00	185	137
D	West Hartlepool (Waterworks)	J. R. Bradshaw, Esq.	10	1 0	35	24·7	26·82	214	142
D	Hurworth Burn Reservoir	J. R. Bradshaw, Esq.	10	1 0	357	26·5	29·00	198	139
D	Hartlepool (Hart Reservoir)	J. R. Bradshaw, Esq.	10	1 0	172	..	26·45	179	138
D	Shotton (New Winning P. S.)	A. B. E. Blackburn, Esq., C.E.	8	1 0	402	29·4	32·29	203	145
D	Easington (Mill Hill Res.)	A. B. E. Blackburn, Esq., C.E.	8	1 0	521	..	32·11	203	145
D	Seaham (Dalton Pumping Sta.)	A. B. E. Blackburn, Esq., C.E.	8	1 0	345	27·0	31·43	193	139
	2.—WEAR. 464 sq. mi.								
d	Stanhope (Parson Byers Qy.)	Messrs. Dorman Long & Co., Ltd.	5	6 8	846	31·7	29·01	..	..
M	Burnhope (Grass Meres)	H. Robinson, Esq., C.E.	5	1 3	1850	59·1	64·50	..	..
M	Burnhope (Lodgegill Mine)	H. Robinson, Esq., C.E.	5	1 3	1950	61·4	70·65	..	..
D	Burnhope Bridge	H. Robinson, Esq., C.E.	8	1 0	1160	..	56·91	221	174
M	Cowshill (Wellheads Hush)	H. Robinson, Esq., C.E.	5	1 6	1690	52·7	63·00	..	..
D	Durham (HOUGHALL Hort. Sta.)	County Education Com.	5	1 0	160	27·9	30·28	168	133
D	DURHAM	Univ. Obsy. (F. Sargent)	8	1 0	336	24·6	29·89	182	128

DIVISION X—NORTHERN COUNTIES—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	DURHAM—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—WEAR—(*con.*).								
D	Weardale W.W. (Tunstall Res.)	H. Robinson, Esq., C.E.	8	1 2	724	32·4	35·74	190	158
D	Ushaw (College)	The Headmaster	5	1 0	594	28·2	33·35	199	142
M	Weardale W.W. (Waskerley 6)	H. Robinson, Esq., C.E.	8	1 0	1229	..	37·37	..	..
M	Weardale W.W. (Waskerley 3)	H. Robinson, Esq., C.E.	8	1 0	1433	..	39·07	..	..
D	Weardale W.W. (Waskerley)	H. Robinson, Esq., C.E.	8	1 0	1179	33·1	34·35	207	165
M	Weardale W.W. (Waskerley 1)	H. Robinson, Esq., C.E.	8	1 0	1317	..	37·57	..	..
D	Consett (Crookhall)	H. Shackleton, Esq.	5	1 0	642	..	31·38	169	134
D	Ryhope Pumping Station	A.B.E. Blackburn, Esq., C.E.	8	1 1	228	25·4	28·80	177	130
	Washington (Glebe Sen. School)*	A Robson, Esq.	5	1 2	160	..	28·92	..	..
d	Sunderland (Hendon Gas Works)	Sunderland Gas Co.	5	4 10	70	..	26·48	(208)	(127)
D	Sunderland (W. Hendon H.) No. 5.	Mrs. W. A. Mounsey	5	1 0	130	25·6	29·98	192	133
D	Sunderland (Mowbray Pk.)	(+A). Medical Officer of Health	5	1 0	105	25·6	26·25	161	120
	3.—TYNE, LOWER. 151 sq. mi.								
D	Weardale W.W. (Hisehope Res.)	H. Robinson, Esq., C.E.	5	1 0	1450	..	38·33	205	160
D	Weardale W.W. (Smiddy Shaw)	H. Robinson, Esq., C.E.	8	1 3	1128	34·1	37·24	209	160
D	Consett Park Farm	T. Hutton, Esq., C.E.	8	1 0	630	..	33·74	185	133
D	Rowlands Gill (Chopwellwood)	Forestry Commission	8	1 0	446	28·7	28·83	191	134
D	Sunderland (Cleadon Pump. Stn.)	A.B.E. Blackburn, Esq., C.E.	8	1 0	216	24·4	25·54	181	116
D	South Shields (Bent's Park)	Dr. W. Campbell Lyons	5	1 0	36	24·2	27·89	196	142
D	South Shields (South Pier Wks.)	R. F. Hindmarsh, Esq., C.E.	5	1 0	17	..	24·06?	166	119
	NORTHUMBERLAND. (Area, 2,015 sq. mi.).								
	1.—EDEN. 20 sq. mi.								
	2.—SOUTH TYNE. 232 sq. mi.								
d	Allenheads	R. Hepple, Esq.	8	1 0	1350	..	45·45	..	..
	3.—TYNE, LOWER. 227 sq. mi.								
D	Corbridge (Howden Dene)	T. D. Straker-Smith, Esq.	5	1 0	200	27·3	28·79	204	142
D	Newcastle (Leazes Park)	W. J. Steele, Esq., C.E.	5	1 0	255	26·4	30·84	183	138
D	Newcastle (Armstrong College)	University of Durham	5	1 3	183	..	29·47	170	127
D	Newcastle (Deaf & Dumb Inst.)	The Superintendent	5	1 8	201	24·7	28·76	179	123
D	Tynemouth (Tyne Pier Works)	R. F. Hindmarsh, Esq., C.E.	5	1 0	54	25·1	25·31	175	127
D	Tynemouth (C.G. Sta.) *new g.*	Chief Officer (M.O.)	8	1 0	108	24·5	27·00	188	134
D	Whittle Dene Filters (Newc. W.W.)	A. Hardcastle, Esq., C.E.	5	1 1	353	26·6	29·38	209	143
D	Whittle Dene Res. (Newc. W.W.)	A. Hardcastle, Esq., C.E.	5	0 6	380	25·3	29·45	206	143
	4.—NORTH TYNE. 433 sq. mi.								
	Ryal Cottage (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	0 9	463	29·1	27·20	..	..
	Hallington Vill. (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1 0	467	29·9	29·21	..	..
D	Hallington Res. (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1 0	470	29·3	28·45	196	147
	Hallington (Fawcett) (Newc. W.W.)	A. Hardcastle, Esq., C.E.	5	1 2	537	28·2	28·38	..	..
	Hallington (Cheviott) (Newc. W.W.)	A. Hardcastle, Esq., C.E.	5	1 2	576	27·8	28·74	..	..
	Camphill (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	1 0	650	29·4	30·51	..	..
D	Colt Crag Res. (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1 0	654	..	28·77	200	148
	Green Crag (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	1 0	900	30·4	30·96	..	..
D	Bellingham (Highgreen)	Sir C. Morrison-Bell, Bt.	5	1 0	849	35·4	34·01	207	155
D	Redewater (Catcleugh)	A. Hardcastle, Esq., C.E.	5	1 0	819	40·2	44·18	228	173
	5.—COQUET & C. 840 sq. mi.								
	Whittington (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	8	0 9	528	28·1	28·62	..	..
	Burnside (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	0 9	419	27·2	28·94	..	..
D	Kirkwhelpington	J. R. Wardle, Esq.	5	1 3	581	..	29·93	196	142
D	Morpeth (High Stanners)	R. Matheson, Esq., Jnr.	8	1 0	90	..	29·26	194	136
D	Ashington (Bothal School)	J. Gray, Esq.	5	8 0	110	25·3	26·51	181	132
D	Morpeth (Cockle Park)	Northumberland Co. Council	8	1 0	325	29·3	28·59	202	139
D	Font Res. (Tynemouth W.W.)	J. W. McKerrow, Esq.	10	1 2	620	31·1	33·98	210	156
d	Acklington (Broomhill Colliery)	A. M. Morison, Esq.	5	1 4	92	24·9	27·86	..	..
D	Callaly Castle Gardens	E. J. Farmer, Esq.	5	1 0	300	..	32·11	203	153
D	Alnmouth (Nether Grange)	Miss E. Pease, J.P., O.B.E.	5	1 6	40	26·2	25·30	163	121
D	Howick Hall Gardens	The Rt. Hon. Earl Grey	8	1 0	110	28·2	29·94	186	135
D	Stamford	W. Robertson, Esq.	5	3 8	175	..	25·01	173	121

* Formerly known as Washington School.

DIVISION X—NORTHERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
NORTHUMBERLAND—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—COQUET & C.—(*con.*).								
D Doxford Hall	Rt. Hon. Walter Runciman, P.C.	5	1 0	150	..	30·81	183	142
d Chathill (Preston Tower)	G. G. Baker Cresswell, Esq.	8	1 0	140	28·3	30·14	..	126
D Belford (Newlands)	C. H. Sanderson, Esq.	5	4 8	130	..	28·73	193	133
6.—TWEED. 262 sq. mi.								
D Wooperton	Mrs. Burdon	6	1 6	..	30·0	32·74	164	142
D Kirknewton (Coldburn)	Mrs. A. Cowe	5	0 9	750	42·4	42·40	189	134
D Ilderton (Lilburn Tower Gdns.)	Mr. W. Lovett	5	1 0	250	30·4	31·98	205	133
d Wooler (Victoria House)	Miss E. M. Dodds	5	1 0	176	26·8	32·83	..	..
Mindrum (Thornington House)	Leonard Briggs, Esq.	5	..	..	28·6	31·73	..	..
D Berwick-on-Tweed (Ramparts)	Borough Surveyor	5	1 0	76	23·4	24·60	168	117
7.—INSULAR. 1 sq. mi.								
CUMBERLAND. (Area, 1,516 sq. mi.)								
1.—EDEN & SOLWAY. 887 sq. mi.								
D Ullswater (Hallsteads)	F. A. Carr, Esq.	5	1 0	497	54·7	58·46	205	170
D Watermillock (Gatesgarth)	Mrs. Spring-Rice	5	1 6	874	..	57·95	220	182
D Penrith (Hutton John)	F. Huddleston, Esq., C.E.	5	1 0	688	45·1	52·44	209	172
w Threlkeld (Skiddaw Ho.)	J. Robinson, Esq.	5	2 6	1480	..	75·35	..	..
D Penrith (Laurel Bank)	A. B. Sinclair, Esq.	5	1 0	480	36·4	36·52	187	153
D Penrith (Newton Rigg)	Cumberland County Council	8	1 0	560	36·4	35·56	206	160
D Penrith (Nunwick Hall)	Lt. Col. C. H. F. Thompson	5	2 0	268	31·8	33·75	186	157
D Troutbeck (Wellbank)	Miss R. A. S. Streatfeild	5	1 0	800	..	72·29	211	184
M Allonby	W. H. Williamson, Esq., J.P.	5	1 0	25	..	28·58	..	..
D Ainstable (Heather Glen)	A. Guthrie-Smith, Esq.	5	1 6	500	34·3	33·25	170	150
D Wigton (Brookfield)	David W. Reed, Esq., B.Sc.	5	1 0	124	36·7	35·64	189	161
D Wreay Vicarage	Rev. Canon A. R. Hall	5	1 0	310	31·5	31·99	216	158
D Silloth	Miss A. P. Farries	5	1 0	27	..	33·15	169	154
D Geltsdale	P. Dalton, Esq., C.E.	5	1 2	778	36·8	38·79	217	173
D Carlisle (Spital Cemetery)	The Superintendent	8	1 0	114	31·8	33·70	200	162
Carlisle (Denton Holme)	W. Eggleston, Esq.	5	1 0	57	30·1	31·66	..	..
D Carlisle (Scaleby Hall)	Lady Allison	5	1 0	111	33·7	35·45	200	168
2.—DERWENT. 257 sq. mi.								
M Sprinkling Tarn	F. Bainbridge, Esq., for M.O.	5	1 6	1985	..	171·25	..	..
M Styehead Tarn	F. Bainbridge, Esq., for M.O.	5	1 0	1472	..	159·10	..	..
Stye Head B.	F. Bainbridge, Esq., for M.O.	5	1 6	1070	181·0	156·95	..	..
M Stye Head A. *new g.*	F. Bainbridge, Esq., for M.O.	5	1 0	1100	..	157·35	..	..
M Borrowdale (Stockley Bridge)	F. Bainbridge, Esq., for M.O.	5	1 0	585	..	145·85	..	..
Borrowdale (Seathwaite) garden	F. Bainbridge, Esq., for M.O.	5	1 6	423	122·0	(141·25)	..	..
M Helvellyn (Hill Top Gill)	Manchester Corpn. W.W.	5	1 0	1050	..	112·81	..	..
M Ullscarf	Manchester Corpn. W.W.	5	1 0	2100	..	136·21	..	..
M Helvellyn (Birkside)	Manchester Corpn. W.W.	5	1 0	1900	..	99·37	..	..
M Wythburn	Manchester Corpn. W.W.	5	1 0	610	99·6	102·43	..	..
M Helvellyn (Brown Rigg) *new g.*	Manchester Corpn. W.W.	5	1 0	1450	..	120·56	..	..
D Borrowdale (The Moraine)	G. Scott, Esq.	5	1 0	330	97·5	103·90	218	184
M Helvellyn (Brown Cove)	Manchester Corpn. W.W.	5	1 0	2250	..	94·45	..	..
D Watendlath Farm	W. Tyson, Esq., for M.O.	5	1 0	800	..	95·93	203	190
M Armboth Fells (The Pewitts)	Manchester Corpn. W.W.	5	1 0	1650	..	101·08	..	..
M Helvellyn (Whiteside), *new g.*	Manchester Corpn. W.W.	5	1 0	2100	..	88·28	..	..
D Buttermere (Hassness)	E. Dixon, Esq.	6	1 0	350	105·9	98·14	221	196
Thirlmere (Dale Head Hall), *new g.*	Manchester Corpn. W.W.	6	1 0	620	..	90·79	246	204
D Cockermouth (Loweswater)	Miss S. H. Frith	5	1 0	353	..	59·21	217	183
D Keswick (Lingholm Gardens)	J. Elson, Esq.	5	1 0	300	65·7	68·76	207	175
D Keswick (Derwent Island) *old g.*	Denis Marshall, Esq.*	5	0 9	280	56·3	61·63	214	176
D Keswick (Derwent Island) *new g.*	Denis Marshall, Esq.*	5	1 0	290	57·0	59·83	213	176
D Keswick (High Hill)	Clerk to the U.D.C.	5	1 0	254	54·9	55·01	199	166
D Portinscale (High Moss)	Mrs. J. E. Brown	5	1 0	285	61·9	57·05	208	175
D Lorton (Kirkfell House)	R. Wigham, Esq.	5	1 0	403	..	43·33	207	174
D Lorton (Broomlands)	Col. J. A. Jackson	5	1 0	270	..	54·02	214	177
D Keswick (Mirehouse)	Miss Spedding	5	1 6	280	49·8	58·50	213	168

* *Per* Miss Cordelia Marshall

DIVISION X—NORTHERN COUNTIES—(*con.*).

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CUMBERLAND—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—DERWENT—(*con.*).								
D Workington (Stainburn Res.)	The Borough Surveyor	5	1 0	180	36·9	36·44	212	194
D Threlkeld (Blencathra Sanat.)	Medical Superintendent	5	1 0	885	61·5	67·36	200	181
Camerton Vicarage	Rev. E. C. Bennett	5	1 0	200	36·2	31·30	..	..
D Bassenthwaite (Higham)	G. F. Fisher, Esq.	5	0 9	500	44·9	44·72	214	174
3.—WEST COAST STREAMS. 235 sq. mi.								
D Ravenglass (The Grove)	Walter Marchant, Esq.	5	1 0	70	42·5	43·80	200	164
D Braystones	H. H. Watson, Esq.	5	1 0	36	37·5	38·15	192	159
Wast Water (Wasdale Head)	H. H. Watson, Esq.	5	1 0	280	..	93·53	..	..
D St. Bees (Eaglesfield)	S. T. Aston, Esq.	5	1 0	50	..	37·13	188	158
D St. Bees (Fern Bank)	Lt.-Col. G. Dixon	5	1 0	60	42·7	38·57	206	159
Ennerdale (Gillerthwaite)	H. H. Watson, Esq.	5	1 0	445	..	77·09	..	..
D Whitehaven (Stanley Pond)	The Priestman Whiteh'n Colls. Ltd.	5	1 6	45	47·5	46·94	195	168
D Whitehaven (Scragill Reservoir)	A. Wilson, Esq., C.E.	8	1 0	188	43·5	39·58	198	157
D Workington (Winscales House)	Miss E. W. Trench	5	1 0	440	37·2	35·07	194	156
4.—DUDDON & C. 50 sq. mi.								
D§Ulpha†‡	Claude Diamond, Esq.	5	1 0	251	..	80·39	225	187
5.—SOUTH TYNE. 87 sq. mi.								
D Alston Vicarage	Rev. N. A. Walton	5	1 0	940	..	44·42	210	172
WESTMORLAND. (Area, 783 sq. mi.)								
1.—EDEN. 373 sq. mi.								
D Kirkby Stephen (Eden Place)	Mrs. Paul Mason	5	1 0	544	42·3	41·65	206	166
Wasdale Pike	Manchester Corpn. W.W.	5	1 0	1825	..	79·08	..	..
Mosedale (Mosedale Cottage)	Manchester Corpn. W.W.	5	1 0	1443	87·8	94·01	..	..
Wet Sleddale (Mirethwaite)	Manchester Corpn. W.W.	5	1 0	995	64·7	70·17	220	183
Blea Water	Manchester Corpn. W.W.	5	1 0	1465	..	108·40	..	..
M Blea Water B.	Manchester Corpn. W.W.	5	1 0	1420	..	116·68	..	..
Mardale (Grove Brae)	Manchester Corpn. W.W.	5	1 0	802	..	89·39	203	185
Shap (Birkbeck Fell)	Manchester Corpn. W.W.	5	1 0	935	56·0	57·69	..	..
Swindale Parsonage	Manchester Corpn. W.W.	5	1 0	875	..	77·23	..	..
Grisedale (Ruthwaite Lodge)	M. Marshall, Esq.*	8	1 0	1750	97·7	108·06	..	..
Mardale (Low Raise)	Manchester Corpn. W.W.	5	1 0	2465	..	87·78	..	..
Shap (Thornship Gill)	Manchester Corpn. W.W.	5	1 0	844	51·4	61·82	..	..
Shap (Tailbert Head)	Manchester Corpn. W.W.	5	1 0	1100	55·6	57·61	216	177
Hawes Water (Boulderstone Nab)	Manchester Corpn. W.W.	5	1 0	744	..	81·14	..	..
M Hawes Water (Naddle Head)	Manchester Corpn. W.W.	5	1 0	1150	..	80·56	..	..
M Hawes Water (Wallow Crag)	Manchester Corpn. W.W.	5	1 0	1250	..	79·07	..	..
M Hawes Water (Naddle House)	Manchester Corpn. W.W.	5	1 0	825	60·5	67·93	..	..
Hawes Water (Measand)	Manchester Corpn. W.W.	5	1 0	824	69·6	77·88	..	..
Measand Beck (Keasgill)	Manchester Corpn. W.W.	5	1 0	1800	..	83·37	..	..
M Hawes Water (Thornthwaite Pk.)	Manchester Corpn. W.W.	5	1 0	650	..	67·28	..	..
Hawes Water (Burn Banks)	Manchester Corpn. W.W.	5	1 0	900	..	70·12	209	182
D Patterdale Hall	M. Marshall, Esq.*	5	1 3	490	86·4	94·51	198	187
d Patterdale (Greenside Mine)	Matthew Place, Esq.	7	0 8	1100	91·9	100·97	..	..
Bampton (Low Kop)	Manchester Corpn. W.W.	5	1 0	1876	..	60·89	..	..
M Bampton (Low Kop) B.	Manchester Corpn. W.W.	5	1 0	1750	..	64·38	..	..
Bampton (Walmhow)	Manchester Corpn. W.W.	5	1 0	615	46·5	60·01	200	172
Bampton (Stanegarth)	Manchester Corpn. W.W.	5	1 0	913	59·5	62·52	..	..
M Cawdale Beck (Howe Grain)	Manchester Corpn. W.W.	5	1 0	1642	..	69·56	..	..
Heltondale (Kidmoor)	Manchester Corpn. W.W.	5	1 0	1025	..	62·26	..	..
D Appleby (Castle Bank)	Lady Holmes	5	1 0	440	35·0	33·48	189	147
Ullswater (Sharrow Bay)	Mr. G. Robinson	5	1 0	600	45·8	45·72	..	..
D Morland	F. R. Markham, Esq.	5	1 0	455	35·6	37·65	183	152
Morland Hall	W. G. Shorrock, Esq.	5	1 0	475	..	34·58	..	..

* *Per* Miss Cordelia Marshall. † Gauge previously in N. Lancs.—1. ‡ New Gauge March, 1935.
§ Turf wall round gauge.

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	WESTMORLAND—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	1.—EDEN—(*con.*).								
D	Penrith (Lowther Castle)	Mr. J. Jeffrey	5	1 6	760	41·8	44·68	211	173
D	Penrith (Barton House)	Mrs. Legh Tolson	5	1 0	500	42·4	45·34	202	170
D	Temple Sowerby (The Grange)	L. F. Phillips, Esq.	5	1 1	370	30·7	30·52	187	145
	2.—LEVEN. 60 sq. mi.								
D	Bowness (Dawstone)	J. Morton, Esq.	5	1 2	550	62·9	61·42	215	186
d	Windermere (Nurseries)	The Lakeland Nurseries, Ltd.	5	0 6	350	..	(64·27)	..	..
D	Windermere (St. Rule)	Miss E. M. Bullock	5	1 0	350	..	62·66	193	171
D	Windermere (Hammar Bank)	Mrs. H. Coutts	5	1 0	200	61·4	68·17	217	180
D	Windermere (Holehird)	H. L. Groves, Esq.	5	1 0	483	68·0	71·51	256	191
D	Windermere (Brockhole)	W. Gaddum, Esq.	5	1 6	175	66·3	69·34	212	173
D	Ambleside (Wansfell)	Miss Wrigley	8	1 0	150	71·9	75·01	207	187
M	Little Langdale (Fell Foot)	Miss C. Marshall	5	2 2	380	108·2	116·32	..	..
D	Ambleside (White Craggs)	C. H. Hough, Esq.	5	1 7	200	72·1	76·71	195	178
D	Ambleside The Lakes (U.D.C.)	The Clerk to the Council		1 0	145	..	68·08	216	191
D	Ambleside (Market Square)	G. A. Johnston, Esq., M.D.	5	1 0	180	75·1	78·93	226	191
D	Ambleside (Lesketh How)	Miss Benson*	5	..	175	..	80·41	227	190
D	Rydal (The Stepping Stones)	Mrs. D. Dickson	5	1 3	190	80·6	83·98	219	191
D	Rydal (High Close)	F. E. T. Jones Balme, Esq.	8	0 9	553	83·3	88·78	216	191
D	Rydal (The Hall)	R. E. Porter, Esq.	5	1 0	354	82·1	85·97	227	188
D	New Dungeon Ghyll Hotel	Miss C. Marshall	5	1 1	310	110·2	107·18	213	197
	Mickleden	Miss C. Marshall	5	1 6	490	130·8	116·36	..	..
D	Grasmere (The Wray)	Miss G. M. Simpson	5	1 0	221	88·5	98·33	224	191
	3.—KENT. 188 sq. mi.								
D	Burton (Under Fell)	J. B. Hoyle, Esq.	5	0 9	225	42·3	47·79	204	168
D	Heversham (Plumtree Hall)	Miss M. C. Watson	5	0 8	115	45·7	48·61	216	169
D	Levens (Beathwaite)	Robert Bush, Esq.	5	1 0	105	..	54·26	229	181
D	Endmoor (Whinyeats)	H. Corder, Esq.	5	0 8	325	..	51·43	181	169
D	Killington Reservoir	L. M. & S. Rly. Co.	8	1 0	674	..	46·98	182	168
D	Kendal Gasworks	Kendal Gas & Water Co.	5	1 11	140	..	50·97	195	168
D	Kendal (Southfield)	J. W. Braithwaite, Esq.	8	1 0	150	50·0	53·23	210	175
D	Kendal (Fisher Tarn Res.)	Kendal Gas & Water Co.	5	1 0	742	..	51·47	214	176
D	Kendal (Underley Hill)	The late R. Rhodes, Esq.	5	1 0	289	..	48·82	195	171
D	Kendal (Ellergreen)	J. W. Cropper, Esq.	5	1 6	270	58·2	61·59	198	170
D	Kendal (Burneside)	W. E. Brown, Esq.	5	1 0	165	53·2	58·02	205	170
D	Kendal (Kent Lea)	R. J. Cragghill, Esq.	5	1 0	165	..	55·26	207	174
D	Kendal (Skelsmergh)	F. G. Linnell, Esq.	5	1 0	450	..	58·67	207	176
d	Kendal (Potter Fell)	J. Cropper & Co., Ltd.	5	2 0	750	70·6	80·24	..	..
W	Troutbeck (Dubbs Reservoir)	J. N. Leckie, Esq.	5	1 3	745	..	70·89	..	..
D	Kentmere Head Reservoir	Kendal Res. Commissioners.	5	1 6	920	..	106·36	213	201
	4.—LUNE. 122 sq. mi.								
D	Kirkby Lonsdale (Stoop Lane)	Mrs. H. E. Hollins	5	2 0	210	..	48·74	209	165
D	Barbon Manor	Lord Shuttleworth	5	1 3	650	..	48·66?	207	180
D	Barbon (The Stores)	A. W. Ireland, Esq.	5	1 0	310	46·6	45·27	222	166
	Ravenstonedale (Railway Station)	J. T. Sanderson, Esq.	5	1 0	800	..	47·61	..	..
	5.—TEES. 40 sq. mi.								
M	Lunedale (Conny Pot)	G. R. Collinson, Esq., C.E.	5	1 0	1840	53·7	61·20	..	..
W	Upper Teesdale (Moor House)	G. Manley, Esq.	5	1 0	1850	..	(74·77)	..	..

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS.

MONMOUTH. (Area, 534 sq. mi.)

	1.—RHYMNEY. 39 sq. mi.								
d	Rumney (Witla Court)	Mrs. Edwards	5	1 0	175	39·4	44·26	..	..
d	Machen (Machen Quarry)	Machen Quarries, Ltd.	5	1 1	250	..	52·53	(194)	(167)

* *Per* Miss Cordelia Marshall

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	MONMOUTH—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	2.—EBBW. 88 sq. mi.								
D	Rogerstone (Rhiwderin)	Lady Forestier-Walker	5	1 0	250	..	49·86	178	157
D	Rogerstone (Newport Golf Links)	Col. Blethyn T. Rees, C.E.	5	0 8	304	..	51·85	205	161
D	Abertillery (The Park)	S. E. Thomas, Esq.	5	1 0	700	57·2	62·17	222	184
d	Tredegar Laboratory	Tredegar Iron & Coal Co. Ltd.	5	2 0	950	59·8	60·64	..	..
D	Ebbw Vale (Iron Works)	Ebbw Vale Steel & Iron Co., Ltd.	8	1 0	902	56·6	57·64	218	184
	3.—USK & C. 290 sq. mi.								
D	Redwick	Col. Blethyn T. Rees, C.E.	5	1 3	24	..	40·52	186	151
D	Portskewett (Sudbrook)	S. W. Moore, Esq., C.E.	8	1 0	51	..	39·62	168	147
D	Newport (Stow Park)	A. W. Jupp, Esq., B.Sc.	5	1 0	200	..	47·02	198	162
D	Newport (Hospital)	Medical Officer of Health	8	1 0	265	..	49·00	195	158
D	Newport W.W. (Friar St. Yard)	Newport Corporation	5	6 0	32	..	45·18	191	143
D	Newport W.W. (Ynis-y-fro Res.)	Newport Corporation	5	1 0	130	..	48·39	210	161
D	Caerleon (The Croft)	Col. Blethyn T. Rees, C.E.	5	1 0	51	..	45·36	210	154
D	Newport W.W. (Pant-y-reos Res.)	Newport Corporation	5	1 0	485	..	57·14	208	164
D	Newport W.W. (Llanvaches)	Newport Corporation	5	0 10	456	..	47·65	191	154
D	Newport W.W. (Nantypridd)	Newport Corporation	5	1 0	500	..	51·60	191	152
D	Chepstow (Itton Court)	Lady Curre	5	1 0	390	..	48·05	191	155
D	Newport W.W. (Newchurch)	Newport Corporation	5	1 0	550	..	50·42	191	154
D	Usk (Monmouth Agric. Instn.)	The Principal	5	1 0	70	..	38·27	163	135
D	Abersychan (Glansychan)	G. W. James, Esq.	5	1 2	699	55·0	59·83	233	174
D	Goytre (Goytre Hall)	Mrs. Lionel Whitehead, O.B.E.	5	1 0	300	46·1	48·77	176	152
D	Blaenavon (Estate Office)	E. J. John, Esq.	8	1 0	1144	55·1	59·38	168	156
D	Abergavenny (Penpergwm)	Leslie R. Pym, Esq.	5	1 0	186	..	41·25	187	138
D	Abergavenny (Plas Derwen)	Alan Whitehead, Esq.	5	1 3	200	..	43·81	204	149
D	Abergavenny (Ty Clyd)	F. D. Llewelyn, Esq.	5	1 0	272	45·1	46·93	190	155
D	Abergavenny (Richmond Road)	W. H. Edmunds, Esq.	8	1 0	256	40·6	41·91	179	144
D	Abergavenny (Larchfield)	Dr. N. R. Phillips	5	1 0	240	37·5	39·42	179	147
D	Abergavenny (The Chain)	Miss Baker-Gabb	5	1 0	310	..	40·72	189	153
D	Grwyne Fawr (Coed Dias)	Miss Baker-Gabb	5	1 0	900	..	46·16	222	166
	4.—WYE. 117 sq. mi.								
D	Monmouth (Cornwall House)	P. G. Harvey, Esq., M.D.	5	0 11	55	..	32·62	175	129
D	Trewyn	Mrs. C. C. Molyneux	5	0 10	500	..	39·78	198	148
D	Grosmont	Miss D. K. Estcourt	5	1 0	420	..	38·60	195	152
	GLAMORGAN. (Area, 808 sq. mi.)								
	1.—LOUGHOR. 55 sq. mi.								
D	Felindre (Blaenant Ddu)	J. Hassall, Esq., C.E.	5	1 3	346	..	55·97	217	181
D	Felindre (Lower Lliw Res.)	J. Hassall, Esq., C.E.	8	1 3	426	..	51·63	218	176
D	Felindre (Upper Lliw Res.)	J. Hassall, Esq., C.E.	8	1 3	599	..	61·37	216	185
	2.—GOWER PENINSULA. 62 sq. mi.								
D	Gower (Penrice Castle)	Mr. W. E. Harrison	5	1 6	18	..	47·17	220	167
d	Penmaen (Cefn Mor)	Mrs. R. A. Bostock	5	1 6	300	41·5	39·06 ?	..	163
D	Clyne Castle	Adml. A. Walker-Heneage-Vivian	5	1 0	50	..	48·12	217	169
	3.—TAWE. 47 sq. mi.								
D	Swansea (Victoria Park) ..(+A)	The Town Clerk	8	1 0	32	..	47·23	210	165
D	Clydach (Wernfadog)	W. J. P. Player, Esq.	8	1 0	400	..	55·99	231	182
d	Clydach	The Mond Nickel Co.	8	1 4	78	..	53·63	(204)	(168)
D	Pontardawe	The Clerk to the R.D.C.	5	1 0	350	..	59·84	213	180
D	Ystalyfera (Wern House)	Miss L. Williams	5	1 6	240	64·8	70·29	222	189
	4.—NEATH. 82 sq. mi.								
D	Briton Ferry (Brynsiriol)	H. A. Clarke, Esq., C.E.	5	1 0	33	..	50·59	195	163
D	Briton Ferry (Cefn Court)	H. A. Clarke, Esq., C.E.	5	1 0	503	47·7	52·63	213	173
D	Neath (Cimla Reservoir)	H. A. Clarke, Esq., C.E.	5	1 0	360	..	51·25	205	169

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	Days with ·01 in. or more.	Days with ·04 in. or more.
GLAMORGAN—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—NEATH—(*con.*).								
D Neath (Gnoll Reservoir)	H. A. Clarke, Esq., C.E.	5	1 0	204	52·1	54·09	201	165
d Neath (Farm School)	W. J. Williams, Esq.	5	1 0	200	..	49·76	..	..
D Neath (Bryn-Teg)	H. P. Lloyd, Esq.	5	0 9	100	..	51·91	209	157
d Neath (Glynfelin)	T. Gibbins, Esq.	5	1 4	180	..	56·82	..	175
D Rhondda W.W.(Llyn Fawr Res.) *old g*	J. B. Hughes, Esq.	5	1 0	1220	88·6	95·46	224	193
D Rhondda W.W.(Llyn Fawr Res.) *new g*	J. B. Hughes, Esq.	5	1 0	1220	..	96·91	224	195
Pontardawe (Plas Cilybebyll)	J. H. P. Lloyd, Esq.	5	1 3	500	..	64·65	..	..
5.—OGMORE & C. 350 sq. mi.								
D Barry (Porth-y-Castell)	E. Sawyer, Esq.	5	1 0	150	..	41·60	195	146
Barry W.W. (Merthyr Dyfan R.)	T. E. Franklin, Esq., C.E.	5	1 0	300	37·6	43·15	..	..
d Lower Penarth	The Surveyor	5	1 0	66	34·9	37·35	..	..
D Penarth Cemetery	The Surveyor	5	1 4	99	..	41·32	169	139
D Penarth (Council Offices)	The Surveyor	5	5 0	160	37·1	40·37	171	140
D Dunraven Castle	J. P. Maitland, Esq.	5	1 0	71	..	40·22	191	159
D Cardiff (Cogan Pumping Statn.)	N. J. Peters, Esq., C.E.	5	1 0	121	37·7	43·42	176	138
D Cardiff (Ely Pumping Station)	N. J. Peters, Esq., C.E.	5	1 0	53	42·1	42·93	232	149
D Fairwater (Glan Ely Hosp.)	Medical Superintendent	5	1 0	122	..	43·28	188	138
Barry W.W. (Pencoedtre Res.)	T. E. Franklin, Esq., C.E.	5	1 0	200	..	45·51	..	..
D Cardiff (St. Fagans Castle)	Capt. H. A. Pettigrew	5	1 0	100	48·5	47·82	197	151
D Cowbridge (Pentre Meyrick)	F. E. P. Dunn, Esq.	5	1 0	300	..	44·74	199	158
D Merthyr Mawr	Col. J. I. D. Nicholl	5	1 6	75	42·9	45·65	223	172
D Bridgend (Eiw Graig)	H. J. Randall, Esq.	8	1 6	50	..	45·12	208	168
D Bridgend (Waterworks)	Mid-Glamorgan Water Bd.	5	1 0	140	..	45·03	199	172
d Pencoed (Senior School)	G. H. Cornish, Esq.	5	1 1	156	..	46·93	..	..
Llanharan (Sew. Works) †	E. Whone Esq.	12	2 6	173	..	50·08	..	..
d Pencoed (Heol-y-Cyw Sch.)	W. Morgan-Richards, Esq.	5	1 3	340	..	(49·80)	(193)	(173)
D Port Talbot (Twyn-yr-hydd)	E. N. David, Esq.	5	1 3	180	42·6	48·24	211	158
D Port Talbot (Tanygroes)	G. A. Morgan, Esq.	8	1 0	50	40·3	46·24	188	160
D Maesteg (Salisbury Road)	H. L. Davies, Esq.	5	1 0	650	..	76·41	207	182
D Maesteg (Isolation Hospital)	G. E. Howells, Esq.	8	0 10	600	..	73·20	212	193
D Pontycymmer	Mid-Glamorgan Water Bd.	8	1 0	560	..	80·67	232	194
D Pontycymmer (Garw Sec. Sch.)	J. J. Morgan, Esq.	5	1 4	600	..	82·10	233	193
D Ogmore Vale	Mid-Glamorgan Water Bd.	8	1 2	580	..	81·25	189	175
6.—TAFF. 157 sq. mi.								
D Llandaff (Pwllmelyn Road)	A. L. Selby, Esq.	5	1 0	105	42·2	46·29	197	150
D Rhubina Reservoir	N. J. Peters, Esq., C.E.	5	1 0	336	48·1	53·95	201	162
Pontypridd (Ty-Gwyn Res.)	Pontypridd & Rhondda W.B.	5	1 0	720	..	60·51	..	..
D Pontypridd (Treforest Central Sch.)	The Headmaster	5	1 0	350	..	65·55	198	172
D Pontypridd (Lan Wood R.) *new site*	Pontypridd & Rhondda W.B.	5	1 6	300	..	62·82	210	172
D Pontypridd (Llanfabon)	Pontypridd & Rhondda W.B.	5	1 0	600	..	65·78	219	178
D Ystradyfodwg (Tyntyla Hos.)	Medical Officer of Health	5	1 0	590	60·1	53·76	202	171
D Treharris Service Reservoir	A. J. Marshall, Esq., C.E.	5	1 3	765	52·3	61·20	200	176
D Mountain Ash (Darranlas Res.)	W. G. Thomas, Esq., C.E.	5	0 11	540	63·0	58·73	216	169
D Mountain Ash (Maesydderwen)	W. N. Morgan, Esq.	5	1 0	483	56·6	59·56	204	163
D Treherbert (Tyn-y-waun) *old g*	O. Thomas, Esq.	5	1 0	801	87·0	94·54	231	193
D‖Treherbert (Tyn-y-waun) *new g*	O. Thomas, Esq.	5	1 0	801	..	94·15	231	193
D Rhondda (Castell Nos Res.) *new g*	Pontypridd & Rhondda W.B.	5	1 6	1060	..	90·77	221	195
D Rhondda (Lluest Wen Filter) *new g.*	Pontypridd & Rhondda W.B.	5	1 6	1200	..	83·05	220	191
D Rhondda (Lluest Wen Res.)	Pontypridd & Rhondda W.B.	5	1 6	1280	89·0	91·40	223	195
D Merthyr Tydfil (Penybryn Filters)	A. J. Marshall, Esq., C.E.	5	1 3	937	54·0	63·90	238	179
D Merthyr Tydfil (Hanover St.)	O. Griffiths, Esq.*	5	1 0	600	..	55·66	196	169
D Dowlais (Gwernllwyn)	W. Roberts, Esq.	5	1 6	1071	51·4	47·31	202	172
D Dowlais (Garth Filter Beds)	A. C. Quiningborough, Esq.	5	1 0	1245	..	62·78	228	187

‖ Turf wall round gauge. * *Per* Meteorological Society. † Station formerly called Pencoed (Brynna).

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

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GLAMORGAN—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
7.—RHYMNEY. 55 sq. mi.								
D Cardiff (Roath Park)	A. A. Pettigrew, Esq.	5	1 0	51	41·6	46·86	201	153
D CARDIFF (Penylan)	(+A) Medical Officer of Health	5	1 0	202	41·4	44·85	190	147
D Cardiff (Heath Filters)	N. J. Peters, Esq., C.E.	5	1 0	132	41·3	47·13	193	154
D Llanishen Reservoir	N. J. Peters, Esq., C.E.	5	1 0	155	39·4	44·19	189	151
D Lisvane Reservoir	N. J. Peters, Esq., C.E.	5	1 0	150	37·4	42·37	190	145
D Rhymney Bridge Reservoir	E.WatkinEdwards,Esq.,C.E.	8	0 6	1150	56·8	68·81	223	203
CARMARTHEN. (Area, 918 sq. mi.)								
1.—TEIFI. 87 sq. mi.								
2.—TOWY & C. 715 sq. mi.								
D Kidwelly	J. H. Montgomery, Esq.	5	1 6	60	..	47·97	223	175
D Carmarthen (The Friary)	The late Dr. L. M. Bowen-Jones	5	1 5	62	48·3	47·53	221	173
D Carmarthen (Model & Prac. Sch.)	C. W. Wilford, Esq.	5	1 5	65	50·0	55·39	223	179
D Llandilo (Dynevor Castle)	Lord Dynevor	8	1 4	202	53·2	55·40	235	186
w Llyn-y-fan Fach (Waen Sychlwch)	Llanelly R.D.C.	5	1 0	1647	83·2	108·74	..	..
D Llyn-y-fan Fach (Nant Coch)	Llanelly R.D.C.	5	1 0	1172	74·5	83·00	224	203
w Llyn-y-fan Fach (Bua'r Llyn)	Llanelly R.D.C.	5	1 0	1650	..	106·25	..	..
D Llyn-y-fan Fach (Troed-y-Foel)	Llanelly R.D.C.	5	1 0	867	..	68·35	224	194
D Llanddeusant (Pontcrynfe)	J. Thomas, Esq.	5	1 0	323	55·6	58·66	235	185
D Brechfa	Capt. C. Joynson	5	1 0	290	..	65·82	239	187
D Abergorlech	S. L. Davies, Esq.	5	1 0	245	..	67·58	230	187
D Llandovery (Nantyrhogfaen)	D. T. M. Jones, Esq.	5	1 0	249	50·8	57·66	226	182
3.—LOUGHOR & C. 104 sq. mi.								
D Llanelly (Old Market Yard)	J. H. Montgomery, Esq.	5	12 0	35	44·6	47·93	209	168
D Llanelly (Filter Beds)	J. H. Montgomery, Esq.	5	1 0	237	45·1	54·56	215	179
D Llanelly (Cwmlliedi W.W) *new g.*	J. H. Montgomery, Esq.	5	1 1	240	..	54·71	228	180
D Llanelly (Upper Lliedi Res.) *new g.*	J. H. Montgomery, Esq.	5	0 11	290	..	59·04	226	180
w Llannon Reservoir	Llanelly R.D.C.	5	1 0	860	..	59·32	..	..
4.—TAWE. 7 sq. mi.								
5. USK. 5 sq. mi.								
6.—WYE.								
PEMBROKE. (Area, 617 sq. mi.)								
1.—TEIFI. 37 sq. mi.								
2.—NEVERN & C. 91 sq. mi.								
D Goodwick (Trenewydd)	Mrs. G. M. Johns	5	1 0	350	..	32·82	193	143
3.—WEST COAST STREAMS. 82 sq. mi.								
4.—CLEDDAU & C. 407 sq. mi.								
d Pembroke (Stackpole Court)	Mr. F. G. Garlick	6	1 6	60	39·3	40·59	..	144
D TENBY (The Priory)	The Town Clerk	8	1 0	64	40·9	40·82	218	164
D ST. ANN'S HEAD (C. Guard Stn.)	Station Officer (M.O.)	8	1 0	142	35·3	32·46	204	145
D Pembroke Dock (County School)	J. H. Garnett, Esq.	5	1 0	85	42·7	42·34	198	157
d Milford Haven (County School)	C. Davies, Esq.	5	6 0	160	..	38·15	(184)	(153)
D Saundersfoot (Hean Castle)	Lord Merthyr	5	1 0	206	36·3	42·10	196	167
D Saundersfoot (Stepaside, Merryvale)	J. C. Pickering, Esq.	5	1 0	105	..	45·03	214	169
D Narberth (Cwmderwen)	Mrs. Allen	5	1 0	300	..	47·89	211	167
Haverfordwest (Picton Castle)	Sir C. E. G. Philipps, Bt.	5	0 10	138	46·8	45·68	..	..
D Haverfordwest (Cresborough)	H. L. Puxley, Esq.	5	1 0	50	..	45·09	218	168

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

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CARDIGAN. (Area, 688 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—DOVEY. 20 sq. mi.								
D Glandyfi (Ynyshir Hall)	W. H. Mappin, Esq.	5	1 0	45	..	48·09	221	188
2.—YSTWYTH & C. 347 sq. mi.								
D Aberayron (CILIAU AERON)	G. C. Faber, Esq.	5	1 0	252	..	41·79	219	169
Llanafan (Blaenddol)	R. Roberts, Esq. for M.O.	. .	..	..	..	65·70	..	..
d Llanafan (Crosswood Park)	The Earl of Lisburne	5	1 0	201	..	47·89	..	169
D Yspytty-ystwyth (Hafod)	T. J. Waddingham, Esq.	5	1 3	580	56·4	61·29	237	200
d Ponterwyd	J. H. Edwards, Esq.	5	1 5	800	..	(68·82)	(242)	(225)
D ABERYSTWYTH (Corporation Yard)	The Town Clerk	8	1 0	12	..	40·43	221	168
D Aberystwyth (North Parade)	Dr. A. Thomas	8	2 6	16	..	45·96	228	155
D ABERYSTWYTH (P.B.S.)	Prof. R. G. Stapledon, M.A.	5	1 0	452	..	49·18	232	175
D TALYBONT (LLETTY-EVAN-HEN)	Prof. R. G. Stapledon, M.A.	5	1 0	950	..	49·68	217	181
3.—TEIFI. 260 sq. mi.								
D Llechryd (Castle Malgwyn)	Mrs. Gower	5	1 0	50	..	42·89	195	169
D Cardigan (Plas Llangoedmore)	D. Berrington Davies, Esq.	5	1 0	120	..	43·69	210	168
d Cardigan (County School)	The Headmaster	5	1 6	72	..	42·27	..	..
D Lampeter (Falcondale)	Mr. A. R. Taylor	5	1 0	498	..	56·65	225	191
4.—TOWY. 46 sq. mi.								
d Abergwesyn (Nantneuadd)	The late W. Roberts, Esq., for M.O.	5	1 0	1000	..	74·92	..	170
M Tregaron (Maes-y-bettws)	T. Jones, Esq., for M.O.	5	1 0	910	..	69·30	..	..
5.—WYE. 15 sq. mi.								
M Birmingham W.W. (Llyn Gynon)	J. W. Wilkinson, Esq., C.E.	5	1 0	1500	70·7	74·25	..	..
M Birmingham W.W. (Bwlchyrhendre)	J. W. Wilkinson, Esq., C.E.	5	1 0	1585	66·7	75·70	..	..
M Birmingham W.W. (Claerddu)	J. W. Wilkinson, Esq., C.E.	5	1 0	1470	76·7	79·20	..	..
M Birmingham W.W. (Gwngu)	J. W. Wilkinson, Esq., C.E.	5	1 0	1490	68·0	70·85	..	..
d Birmingham W.W. (Abergwngu)	J. W. Wilkinson, Esq., C.E.	5	1 0	1150	66·0	75·10	..	203
M Plynlimon	J. Thomas, Esq., for M.O.	5	1 0	1630	108·0	90·40	..	..
BRECON. (Area, 733 sq. mi.)								
1.—TOWY. 17 sq. mi.								
2.—TAWE. 41 sq. mi.								
D Ystradgynlais (Yniscedwyn Ho.)	G. Coleman, Esq.	5	0 9	232	65·2	60·62	206	178
D Swansea W.W. (Nantyrwydd)	J. Hassall, Esq., C.E.	5	0 10	908	90·8	79·60	245	200
3.—NEATH. 48 sq. mi.								
D Ystradfellte Reservoir	The Engineer	5	1 0	1147	85·4	82·63	218	187
4.—TAFF. 48 sq. mi.								
D Aberdare (Nanthir Reservoir)	I. A. Bryant, Esq., C.E.	5	1 0	860	59·6	66·10	228	192
D Taf Fechan (Pontsticill) No. 12	A. C. Quiningborough, Esq.	5	1 0	1031	..	64·63	235	193
M Taf Fechan (Pontsticill West) 14	A. C. Quiningborough, Esq.	5	1 0	1254	..	50·90	..	..
D Cardiff W.W. (Llwynon Res.)	N. J. Peters, Esq., C.E.	5	1 0	860	62·7	67·56	223	190
w Cardiff W. W. (Nant Ffynnon)	N. J. Peters, Esq., C.E.	5	1 0	1352	..	77·57	..	..
M Cardiff W.W. (Garn Ddu)	N. J. Peters, Esq., C.E.	5	1 0	1340	..	68·52	..	..
D Cardiff W.W. (Garw-nant)	N. J. Peters, Esq., C.E.	5	1 0	1100	..	81·29?	230	203
w Cardiff W.W. (Nant-Gwineu)	N. J. Peters, Esq., C.E.	5	1 0	1200	..	68·05	..	..
w Cardiff W.W. (Cefn Gougarn)	N. J. Peters, Esq., C.E.	5	1 0	1362	..	78·76	..	..
w Cardiff W.W. (Llysiog)	N. J. Peters, Esq., C.E.	5	1 0	1080	..	69·38	..	..
D Taf Fechan (Pentwyn Res. S.)	A. C. Quiningborough, Esq.	5	1 0	1120	..	69·61	233	200
Taf Fechan (Pentwyn Res. N.)	A. C. Quiningborough, Esq.	5	1 0	1090	..	68·29	..	..
w Cardiff W.W. (Twyn Gareg)	N. J. Peters, Esq., C.E.	5	1 0	1501	..	93·63	..	..
M Cardiff W.W. (Blaen Nant Ddu)	N. J. Peters, Esq., C.E.	5	1 0	1550	..	66·77	..	..
D Cardiff W.W. (CANTREF R.) No. 2	N. J. Peters, Esq., C.E.	5	1 0	1080	69·8	70·55	228	202

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	BRECON—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	4.—TAFF—(*con.*).								
D	Cardiff W.W.(Beacons Res.) No. 6	N. J. Peters, Esq., C.E.	5	1 0	1340	79·3	81·07	232	207
W	Cardiff W.W. (Nant Penig) No. 3	N. J. Peters, Esq., C.E.	5	1 0	2000	85·8	100·21	..	..
M	Cardiff W.W. (Blaen Nant Crew)	N. J. Peters, Esq., C.E.	5	1 0	2090	..	63·69	..	..
D	Cardiff W.W. (Storey Arms Field)	N. J. Peters, Esq., C.E.	5	1 0	1430	..	88·11	232	208
W	Cardiff W.W.(Blaen Taf Fawr) *new g*	N. J. Peters, Esq., C.E.	5	1 0	1430	86·8	84·44	..	..
D	Taf Fechan (Neuadd Rs.) No. 1A	A. C. Quiningborough, Esq.	5	1 0	1423	..	85·56	231	209
D	Taf Fechan (Neuadd Rs.) No. 4	A. C. Quiningborough, Esq.	5	1 0	1487	*82·7*	86·39	231	210
D	Taf Fechan (Neuadd Rs.) No. 11	A. C. Quiningborough, Esq.	5	1 0	1524	68·3	73·37	231	206
D	Taf Fechan (Neuadd Rs.) No. 11A	A. C. Quiningborough, Esq.	5	1 0	1520	..	87·15	231	210
M	Taf Fechan (Neuadd Rs.) No. 2	A. C. Quiningborough, Esq.	5	1 0	1993	*72·7*	76·70	..	..
M	Taf Fechan (Neuadd Rs.) No. 10	A. C. Quiningborough, Esq.	5	1 0	1700	72·7	78·40	..	..
M	Taf Fechan (Neuadd Rs.) No. 3	A. C. Quiningborough, Esq.	5	1 0	1843	60·6	75·30	..	..
M	Taf Fechan (Neuadd Rs.) No. 7	A. C. Quiningborough, Esq.	5	1 0	2017	*81·1*	93·50	..	..
M	Taf Fechan (Neuadd Rs.) No. 8	A. C. Quiningborough, Esq.	5	1 0	1723	*85·7*	90·10	..	..
M	Taf Fechan (Neuadd Rs.) No. 8A	A. C. Quiningborough, Esq.	5	1 0	1780	..	84·05	..	..
M	Taf Fechan (Neuadd Rs.) No. 6	A. C. Quiningborough, Esq.	5	1 0	2099	*92·4*	97·60	..	..
	5.—RHYMNEY. 2 sq. mi.								
	6.—EBBW. 7 sq. mi.								
D	Ebbw Vale W.W. (Llangynidr) 1	P. I. Davies, Esq., C.E.	5	1 0	1413	58·8	73·55	216	203
D	Ebbw V. W.W.(Llangynidr) W 3	P. I. Davies, Esq., C.E.	5	1 0	1468	..	73·76	216	202
D	Ebbw V. W.W. (Llang'ndr) NW2	P. I. Davies, Esq., C.E.	5	1 0	1471	..	73·71	216	202
D	Ebbw Vale W.W. (Carno, S.)	P. I. Davies, Esq., C.E.	5	1 0	1262	..	72·59	216	204
D	Ebbw Vale W.W. (Carno, E.)	P. I. Davies, Esq., C.E.	5	1 0	1391	..	72·08	216	203
D	Ebbw Vale W.W. (Carno, W.)	P. I. Davies, Esq., C.E.	5	1 0	1412	..	74·84	216	202
D	Ebbw Vale W.W. (Carno, N.)	P. I. Davies, Esq., C.E.	5	1 0	1491	..	72·36	216	204
	7.—USK. 299 sq. mi.								
D	Abergavenny (Gilwern)	Mrs. J. John	5	1 0	590	..	51·69	216	167
	Torpantau (Darenfawr)	Newport Corporation	5	1 0	1172	..	76·07	..	..
	Torpantau (Ynysposte)	Newport Corporation	5	1 0	741	..	69·50	..	..
	Torpantau (Blaen-caer-fanell)	Newport Corporation	5	1 0	1584	..	69·79	..	..
D	Talybont (Ffynonwen)	Newport Corporation	5	1 0	610	..	62·03	211	178
	Talybont (Pwll Ifor)	Newport Corporation	5	1 0	1224	..	68·33	..	..
D	Talybont (Aberclydach)	G. Garnons Williams, Esq.	8	0 9	520	..	49·94	189	163
D	Crickhowell (Gwernvale)	E. Pirie-Gordon, Esq.	5	1 0	393	*41·5*	42·42	209	164
D	Crickhowell (Glanusk Park)	Lord Glanusk	5	1 0	250	..	45·86	204	158
D	Crickhowell (Penmyarth)	Lord Glanusk	5	1 0	370	..	44·57	204	165
M	Swansea W.W.(Cray Rs.) No. 2	J. Hassall, Esq., C.E.	5	1 0	1019	..	90·64	..	..
D	Swansea W.W.(Cray Rs.) No.1 (+A)	J. Hassall, Esq., C.E.	5	1 0	1043	..	71·39	234	195
M	Cray Post Office	J. A. Jones, Esq., for M.O.	5	1 0	930	..	70·50	..	..
D	Talybont (Ashford)	J. Henderson, Esq.	5	1 0	360	..	45·86	199	139
D	Llanfrynach (Ty-mawr)	Miss M. D. de Winton	5	1 0	450	..	38·79	194	170
D	Crickhowell (Dan-y-Parc)	R. G. C. C. Sandeman, Esq.	8	1 0	230	..	43·30	203	148
M	Crickhowell (Cwmdu Rectory)	Rev. W. A. Davies	5	1 0	430	..	39·81	..	..
M	Crickhowell (Tal-y-maes)	Mrs. E. Jones, for M.O.	5	1 0	1250	..	46·40	..	..
d	Trecastle (Blaenau-hydfer)	Mrs. Morgan, for M.O.	5	1 0	970	..	72·07	..	..
D	Brecon (Tairbull School)	I. L. Price, Esq.	5	1 0	660	52·0	56·00	209	178
D	Brecon (Ffrwdgrech)	Capt. J. D. D. Evans	8	1 1	570	..	46·37	196	171
d	Brecon (Mount St. Sch. Gdns.)	The Headmaster	5	0 11	500	..	39·59	..	..
D	Battle (Penoyre)	G. E. Weekes, Esq.	5	1 0	830	..	43·89	225	179
D	Black Mountains (Blaen-y-cwm)	J. F. Jupp, Esq., C.E.	5	1 0	1423	..	55·40	200	181
D	Black M. (Dam Site Grwyne Fawr)	J. F. Jupp, Esq., C.E.	5	1 0	1620	..	59·30	201	189
M	Upper Chapel (Tymawr)	Mrs. Probert	5	1 0	945	46·9	50·90	..	..

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
BRECON—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
8.—WYE. 271 sq. mi.								
D Cathedine Rectory	Rev. D. H. Picton, for M.O..	5	1 6	650	..	30·07	172	137
D Talgarth (Arfryn)	F. T. Morgan, Esq.	5	1 0	450	*33·2*	33·13	186	154
D Talgarth (Pontiwal Sanatorium)	Dr. H. E. Watson	5	0 10	500	..	31·85	218	166
D Glasbury (Gwernyfed Park)	H. H. Miller, Esq.	5	1 0	375	31·5	31·08	187	152
M Abergwesyn (Trallwn)	J. Felix, Esq., for M.O.	5	1 0	1000	..	91·10	..	..
Llanafanfawr School	W. D. Swan, Esq.	5	0 8	800	..	58·29	..	..
M Newbridge (Pengraig)	Miss A. Williams, for M.O...	5	1 0	960	56·8	64·50	..	..
D Newbridge (Llysdinam)	Sir C. Venables Llewelyn, Bt.	5	1 3	646	41·2	48·04	212	175
M Birmingham W.W.(Cors-yr-hwch)	J. W. Wilkinson, Esq., C.E..	5	1 0	1775	91·7	101·83	..	..
M Birmingham W.W.(Esgair Ceiliog)	J. W. Wilkinson, Esq., C.E..	5	1 0	1560	82·3	89·75	..	..
M Birmingham W.W. (Llyn-Carw)	J. W. Wilkinson, Esq., C.E..	5	1 0	1775	82·9	89·15	..	..
M Birmingham W.W. (Nant-y-car)	J. W. Wilkinson, Esq., C.E..	5	1 0	1545	79·0	85·98	..	..
M Birmingham W.W. (Arban)	J. W. Wilkinson, Esq., C.E..	5	1 0	1500	78·8	82·45	..	..
M Birmingham W.W. (Tyn-y-pant)	J. W. Wilkinson, Esq., C.E..	5	1 0	1320	62·7	72·30	..	..
M Birmingham W.W.(Esgair Garthen)	J. W. Wilkinson, Esq., C.E..	5	1 0	1590	80·9	86·10	..	..
D Birmingham W.W. (Elan Village)	J. W. Wilkinson, Esq., C.E..	5	1 0	700	56·9	63·60	216	191
RADNOR. (Area, 474 sq. mi.)								
1.—WYE. 424 sq. mi.								
d Glasbury-on-Wye (Hampton Sc.)	D. W. Lloyd, Esq.	5	1 0	274	33·9	32·07	(196)	(159)
D Llyswen (Llanstephan Ho. Gdns.)	Lady Philips	5	1 3	440	..	39·46	176	153
D Builth (Cefndyrys)	Capt. E. A. Thomas	5	1 10	740	41·5	38·79	195	157
Builth Rd. (St. John's Vicarage)	Rev. Canon J. L. Bryans...	5	1 0	550	41·9	42·49	221	177
d New Radnor (Harpton Crt. Gdns.)	The Head Gardener	5	0 9	700	..	40·80	..	163
New Radnor (Maes-y-Fed)*	John Langston, Esq.	5	1 0	750	44·1	42·53	203	..
D Llandrindod Wells (Howey)†	H. Wheeler, Esq.	5	1 0	700	39·3	48·84	207	165
D Birmingham W.W. (Tyrmynydd)	J. W. Wilkinson, Esq., C.E..	5	1 0	832	62·1	70·68	233	190
D Birmingham W.W. (Nantgwillt)	J. W. Wilkinson, Esq., C.E..	5	1 0	840	63·2	69·48	237	191
M Birmingham W.W. (Dwfnant)	J. W. Wilkinson, Esq., C.E..	5	1 0	1050	67·8	72·95	..	..
M Birmingham W.W.(Esgair Gader) 2	J. W. Wilkinson, Esq., C.E..	5	1 0	1500	70·1	77·10	..	..
M Birmingham W.W. (Tynllidiart)	J. W. Wilkinson, Esq., C.E..	5	1 0	1006	67·5	75·69	..	..
d Birmingham W.W. (Claerwen)	J. W. Wilkinson, Esq., C.E..	5	1 0	1250	66·7	76·45	..	200
D Birmingham W.W. (Tynant)	J. W. Wilkinson, Esq., C.E..	5	1 0	1020	68·8	75·61	238	190
Rhayader (East Street)	R. Ashton, Esq.	5	1 0	700	49·2	54·06	..	..
M Birmingham W.W. (Cerigllwydion)	J. W. Wilkinson, Esq., C.E..	5	1 0	1710	74·5	83·35	..	..
M§Birmingham W.W. (Pen-y-gareg)	J. W. Wilkinson, Esq., C.E..	5	1 0	1500	..	60·22	..	..
M§Birmingham W.W. (Pen-y-gareg)2	J. W. Wilkinson, Esq., C.E..	5	1 0	1540	..	63·30	..	..
M Birmingham W.W. (Bryn Hir)	J. W. Wilkinson, Esq., C.E..	5	1 0	1470	78·9	85·45	..	..
M Birmingham W.W. (Abercaethon)	J. W. Wilkinson, Esq., C.E..	5	1 0	1240	70·8	76·25	..	..
M Birmingham W.W. (Calettwr)	J. W. Wilkinson, Esq., C.E..	5	1 0	1490	81·7	88·00	..	..
M Birmingham W.W. (Figin) No. 2	J. W. Wilkinson, Esq., C.E..	5	1 0	1700	85·2	94·20	..	..
M Birmingham W.W. (Aberhenllan)	J. W. Wilkinson, Esq., C.E..	5	1 0	1070	68·9	75·40	..	..
M Llanbister (Llananno)	Mrs. A. Jones, for M.O.	5	1 0	900	45·1	50·50	..	..
2.—SEVERN—Right Bank Tributaries. 50 sq. mi.								
Bucknell (Stanage Park)	C. H. Walker, Esq.	.	..	650	..	38·79	..	..
MONTGOMERY. (Area, 797 sq. mi.)								
1.—DOVEY. 120 sq. mi.								
D Machynlleth (Plas Llwyn Gwern)	The Hon. R. E. B. Beaumont	5	0 9	150	..	78·57	224	202
Cemmaes (Glyn Orig)	F. C. Best, Esq.	5	1 0	125	..	60·83	..	..
2.—YSTWYTH. 7 sq. mi.								
3.—WYE. 37 sq. mi.								
Llangurig (Dernol)	E. A. Powell, Esq. for M.O.	5	1 0	870	61·5	61·30	..	..
4.—SEVERN—Right Bank Tributaries. 154 sq. mi.								
D Llanidloes (Llidiartywaen Sch.)	G. E. Edwards, Esq.	5	1 3	1150	..	43·27	220	171
d Llandinam (Broneirion)	D. Humphreys, Esq.	5	1 3	450	..	38·03	..	142
d Newtown (Penarth Weir)	Canal Engr., L M & S Rly...	8	1 0	321	35·0	38·25	(210)	(143)
D Montgomery (Oakfield)	Dr. R. E. Game Phillips....	5	1 0	450	..	32·27	206	146

*Station formerly called New Radnor. † Station formerly called Llandrindod Wells. § Exposure un orthodox.

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

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MONTGOMERY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5. SEVERN—Left Bank Tributaries. 479 sq. mi.								
D Berriew (Brithdir Hall)	Mrs. F. E. Marston	5	1 0	350	30·7	33·92	226	134
D Berriew (Glyncogen)	H. H. Haines, Esq.	5	1 0	415	..	35·76	190	139
D Welshpool (County School)	The Headmaster	5	1 0	254	30·1	29·02	187	134
D Welshpool (Fron Llwyd)	Col. G. B. D. Harrison	5	1 3	500	33·7	34·57	194	149
Garthbibio (Bwlch Tomlyd)	J. R. Jones, for M.O.	5	1 0	1200	71·0	(74·96)	..	..
D Llanfyllin (Llwyn)	Major W. M. Dugdale	5	0 10	450	..	40·53	190	158
d Llandysilio Rectory	Rev. H. G. Dickinson	5	1 0	250	..	(24·85)	..	..
D Lake Vyrnwy	J. E. Bradley, Esq.	5	0 7	770	54·0	66·50	214	189
Lake Vyrnwy (Bryn Gwyn)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1311	..	63·34	..	..
D Lake Vyrnwy (Bank Cynon Isaf))	Lt.-Col. F. Hibbert, C.E.	8	1 0	750	55·3	59·29	210	176
Lake Vyrnwy (Ty Uchaf)	Lt.-Col. F. Hibbert, C.E.	8	1 0	860	..	61·85	..	..
Lake Vyrnwy (Heol-y-ffridd) No.1.	Lt.-Col. F. Hibbert, C.E.	8	1 0	913	..	79·71	..	..
Lake Vyrnwy (Heol-y-ffridd) No.2.	Lt.-Col. F. Hibbert, C.E.	8	1 0	830	..	74·82	..	..
Lake Vyrnwy (Tyn-y-ffridd)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1010	..	64·76	..	..
Lake Vyrnwy (Lluestwen)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1667	..	75·13	..	..
Lake Vyrnwy (Llwynrhiw)	Lt.-Col. F. Hibbert, C..E	8	1 0	1428	..	83·76	..	..
Lake Vyrnwy (Craig-y-Gribin)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1422	..	71·03	..	..
W Lake Vyrnwy (Eunant Bridge) *new g*	Lt.-Col. F. Hibbert, C.E.	5	1 0	830	..	77·89	..	..
Lake Vyrnwy (Carreg Goch)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1750	..	73·43	..	..
Lake Vyrnwy (Fawnog)	Lt.-Col. F. Hibbert, C.E.	8	1 0	1315	55·7	64·53	..	..
FLINT. (Area, 256 sq. mi.)								
1.—DEE. 198 sq. mi.								
D Hanmer (Gredington)	Lady Kenyon	5	1 0	300	30·4	30·98	173	149
D Overton (Fairleigh)	Dr. B. J. E. Wright	5	1 0	220	26·8	29·86	211	150
W Buckley (Hawarden W.W.)	A. N. Peters, Esq., C.E.	5	1 0	540	28·7	33·34	..	..
D Hawarden (County School)	C. F. Williams, Esq.	5	0 9	257	27·2	31·01	182	144
D Mold (Alun County School)	The Headmaster	5	1 0	365	..	36·79	191	155
D Mold (Mount Pleasant)	R. F. Baker, Esq., C.E.	5	1 0	503	..	37·02	188	153
D Cilcain (No. 2 Reservoir) *old g*	A. N. Peters, Esq., C.E.	5	1 0	785	..	39·05	211	162
W Cilcain (No. 4 Reservoir) *new g*	A. N. Peters, Esq., C.E.	5	1 0	900	..	39·18	..	..
D Northop (Soughton Hall)	Sir John Bankes	5	1 0	418	32·1	40·74	209	164
D Cilcain (Cilcen Hall)	W. B. Yates, Esq., C.B.E.	5	1 0	700	29·7	34·50	222	157
D Connah's Quay (Mold Road)	R. F. Baker, Esq., C.E.	5	1 0	43	..	30·61	188	149
D Connah's Quay (Pengwladys)	R. F. Baker, Esq., C.E.	5	1 0	231	..	32·08	181	146
D Hawarden Bridge	Messrs. J. Summers & Sons.	8	1 0	17	24·3	29·79	190	138
D Sealand (Aerodrome) ....(+A)	Meteorological Officer	8	1 0	16	26·0	28·59	185	136
D Halkyn (Bryn Aurl)	Capt. J. L. Francis	5	1 0	880	..	37·37	185	156
D Mostyn	J. E. Holgate, Esq.	5	3 2	15	..	34·21	195	139
2.—CLWYD. 51 sq. mi.								
D Bodfari (Nantlys)	D. F. Pennant, Esq., D.L.	5	1 5	178	27·4	32·72	183	152
D St. Asaph (St. Beuno's Coll.)	The Procurator	5	1 0	479	..	36·04	253	166
Dyserth Castle	J. B. Price, Esq.	5	1 0	350	..	25·72	..	..
D Rhyl (Sewage Works) ....(+A)	Medical Officer of Health	8	1 0	31	25·8	27·43	188	135
D Prestatyn	Clerk to the U.D.C.	5	1 0	18	..	27·12	171	137
3.—SEVERN—Left Bank Tributaries. 7 sq. mi.								
DENBIGH. (Area, 668 sq. mi.)								
1.—DEE. 278 sq. mi.								
Glynceiriog (Plas Nantyr)	C. B. C. Storey, Esq.	6	1 0	1450	..	52·30	..	..
Chirk Castle Gardens	Lord Howard de Walden	5	1 0	630	..	35·00	169	141
D Llangollen (Oakleigh)	Miss J. B. Jagger	5	1 3	337	..	36·98	193	156
D Llangollen (Vivod)	Capt. W. Best	5	2 3	640	..	37·70	176	151
D Ruabon (Trevor Hall)	E. Lloyd Edwards, Esq.	5	1 0	500	30·9	37·21	180	153

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

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	DENBIGH—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	1.—DEE—(*con.*).								
M	Wrexham W.W. (Mountain Lo.)	J. A. Davies, Esq.	8	0 9	1100	..	40·65	..	..
d	Wrexham W. W. (Ty Mawr Res.)	J. A. Davies, Esq.	5	0 9	805	*39·1*	43·12	(205)	(165)
D	Wrexham W.W.(Pack Saddle Res.)	J. A. Davies, Esq.	5	0 9	370	32·0	37·78	209	159
d	Wrexham W.W. (Cae Llwyd Res.).	J. A. Davies, Esq.	8	0 9	918	*41·1*	44·82	(206)	(169)
d	Wrexham W.W. (Cae Llwyd Res.).	J. A. Davies, Esq.	5	0 9	918	*40·5*	43·47	(205)	(168)
M	Wrexham W.W. (Erwau)	J. A. Davies, Esq.	5	0 9	1200	..	40·80	..	..
M	Wrexham W.W. (Minera)	J. A. Davies, Esq.	5	0 9	1400		39·13	..	..
d	Wrexham (Beechley Road)	O. L. Jones, Esq.	2	1 0	285	..	33·44	..	145
D	Pendinos Reservoir	Brymbo Water Co.	5	0 6	1249	..	42·47	203	176
D	Nantyffrith Reservoir	Brymbo Water Co.	5	0 6	1040	..	39·07	202	169
D	Llanfihangel-glyn-myfyr	R. F. Baker, Esq., C.E.	5	1 0	898	..	47·94	223	178
D	R. Alwen (Alwen Filter House)	R. F. Baker, Esq., C.E.	5	1 0	1100	..	53·48	220	181
D	R. Alwen (Alwen Dam)	R. F. Baker, Esq., C.E.	5	1 0	1189	..	55·88	220	183
D	R. Alwen (Hafod-llan-isaf) No. 2.	R. F. Baker, Esq., C.E.	5	1 0	1172	39·2	48·75?	220	179
D	R. Alwen (Hafod-llan-isaf) No. 3.	R. F. Baker, Esq., C.E.	5	1 0	1169	36·8	51·00	220	182
W	Pentre Voelas (Nant Heilyn)	R. F. Baker, Esq., C.E.	5	1 0	1225	..	50·96	..	..
D	R. Brenig (Hafod-yr-Onen)	R. F. Baker, Esq., C.E.	5	1 0	1175	..	44·89	201	170
M	Nantglyn (Pant-y-maen)	R. F. Baker, Esq., C.E.	8	1 0	1320	..	62·61	..	..
M	Llyn Bran	R. F. Baker, Esq., C.E.	8	1 0	1428	..	60·66	..	..
	Llanferres (Glanrafon)	Miss A. Simpson	5	0 11	650	..	37·26	..	..
	2.—CLWYD & C. 267 sq. mi.								
M	Derwen (Ty Cerrig)	Edgar Billson, Esq.	5	1 0	1030	..	42·13	..	..
D	Clawdd-newydd No. 2	R. F. Baker, Esq., C.E.	5	1 0	983	..	41·80	180	166
D	Clawdd Newydd (Foel Fach)	Forestry Commission	.	..	1150	..	42·35	203	172
W	Ruthin (Corwen Road)	R. F. Baker, Esq., C.E.	5	1 0	234	..	34·25	..	..
D	Ruthin (Bwlch Tunnel)	R. F. Baker, Esq., C.E.	5	1 0	908	..	37·37	176	165
D	Llyn Aled (Moel-y-Bryniau)	O. P. Cronshaw, Esq.	5	1 0	1250	..	54·61	235	189
D	Llyn Aled (Rhyd-y-Bedd)†	O. P. Cronshaw, Esq.	5	1 0	1170	..	58·80	237	194
D	Llangynhafal (Plâs Drâw)	Major R. Bromhead	5	1 0	419	31·1	36·12	209	165
d	Gwytherin Council School	C. E. Jones, Esq.	5	1 1	730	50·1	51·83	..	..
D	Denbigh (Mental Hospital)	W. Barker, Esq.	5	1 0	316	..	35·76	199	165
d	Llangwyfan (N. Wales San.)	Medical Superintendent	5	1 0	460	..	30·41	..	..
D	Denbigh (Garn)	J. D. W. Griffith, Esq.	5	1 0	447	32·7	38·21	208	162
d	Trefnant School	The Head Teacher	5	1 0	300	..	34·68	..	..
M	Llanefydd (Dolwen Res., S.)	O. P. Cronshaw, Esq.	5	1 0	600	..	38·78	..	..
M	Llanefydd (East)	O. P. Cronshaw, Esq.	5	1 0	570	..	38·23	..	..
D	Llanefydd (Plas Uchaf Res.)	O. P. Cronshaw, Esq.	5	1 0	485	..	38·41	221	163
D	Llanefydd (Glascoed Res.)	O. P. Cronshaw, Esq.	5	1 0	360	..	31·00	199	145
	St. Asaph (Wigfair)	Col. H. C. Ll. Howard, C.M.G., D.S.O.	8	1 1	250	..	24·30	..	..
D	Abergele (Sea Road)	Sydney Wilson, Esq.	5	1 0	25	28·4	29·53	185	139
D	Colwyn Bay (Eirias Park)	Borough Surveyor.	5	1 0	118	31·1	30·27	203	145
	3.—CONWAY—4 sq. mi.								
D	Pentre Voelas (Voelas Hall)	Mr. T. N. Dickie	5	1 0	640	..	62·08	231	186
D	Bettws-y-coed (Rhydycreua)	R. J. Evans, Esq.	5	1 0	50	..	57·36	220	179
	4.—SEVERN—Left Bank Tributaries. 47 sq. mi.								
D	Llansilin (Penygwely Res.)	G. W. Lacey, Esq., C.E.	5	1 0	1095	..	35·60	187	151
	MERIONETH. (Area, 661 sq. mi.)								
	1.—DEE. 218 sq. mi.								
	Afon Twrch (Nant-y-barcut)	R. Jones, Esq.*	5	1 0	1091	..	95·40	..	..
	Cwm Hirnant (Maesfallen)	E. O. Roberts, Esq.*	5	1 4	957	..	54·46?	..	..
	Afon Lliw (Blaen Lliw Isaf)	J. Pugh, Esq.*	5	1 6	1790	..	90·24	..	..
D	Bala (Tegid Street) (+A)	D. R. Roberts, Esq.*	5	1 3	537	..	55·69	220	187
D	Llandderfel (Palé Gardens)	Sir H. B. Robertson	8	1 0	606	48·2	54·78	203	184

Per River Dee Catchment Board. †Station formerly called Aled Isaf Res.

DIVISION XI—MONMOUTH, WALES, AND THE ISLANDS—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
MERIONETH—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—**DEE**—(*con.*).								
Trawsfynydd (Cwm Prysor)	N. Wales Power Co., Ltd.	5	1 3	1300	..	93·21	..	..
Llyn Arenig Fach	J. Jones, Esq.*	5	1 5	1511	..	91·90	..	..
Afon Mynach (Hafod Nwydog)	N. D. Tee, Esq.*	5	0 11	1198	..	74·10	..	..
d Corwen (Rûg Gardens)	Col. R. Vaughan Wynn	8	1 2	500	36·2	43·38		..
w Derwen (Minffordd)	R. F. Baker, Esq., C.E.	5	1 0	971	..	41·62	..	..
2.—CLWYD. 7 sq. mi.								
3.—GLASLYN. 92 sq. mi.								
Trawsfynydd (Tyn Twll)	N. Wales Power Co., Ltd.	5	1 3	750	..	79·80	..	..
Trawsfynydd (Darn Gae)	N. Wales Power Co., Ltd.	5	2 0	950	..	76·33	..	..
Llyn Tecwyn Uchaf	Portmadoc Water Co.	8	1 1	360	..	53·46 ?	..	..
D Minffordd (Plas Penrhyn)	Mrs. H. Kitching	5	0 9	220	..	57·86	240	205
d Pandyrddrwyryd (Main Dam)	N. Wales Power Co.	5	1 3	650	..	74·57	..	..
D Minffordd (Hafod-Cae-Maen)	G. H. C. Haigh, Esq.	5	1 0	100	50·5	60·71	251	206
w Tyddym-y-Gareg (Hendre Mur)	N. Wales Power Co.	5	1 3	660	..	73·49	..	..
D Tan-y-bwlch (Plas Gardens)	Mr. F. W. Dawe	5	1 0	55	..	68·24	228	196
d Tan-y-bwlch (Dol-y-Moch)	Mrs. Howland Jackson	5	1 0	55	..	(74·60)	(218)	(202)
D Festiniog (Hafod Fawr)	Forestry Commission	8	1 4	1000	74·6	72·08	211	197
D Blaenau Festiniog (Oakeley Q.)	J. Lloyd Humphreys, Esq.	5	1 0	1100	97·1	112·51	221	201
D Blaenau Festiniog (Llechwedd Q.)	Messrs. J. W. Greaves & Sons	5	1 0	700	..	114·07	248	221
4.—MAWDDACH & C. 262 sq. mi.								
D Towyn (Ynys-y-Maengwyn)	R. Corbett, Esq.	5	1 0	14	..	44·94	213	174
D Towyn (Bronffynnon) *new g*	Dr. T. Henry Jones	5	1 0	180	..	46·64	221	168
D Towyn (Peniarth)	Mrs. Wynne	8	1 0	25	..	55·57	215	202
Dolgelley (Bronygader)	Lt.-Col. A. E. Jelf-Reveley	5	1 0	200	..	74·74	..	..
D Dolgelley (Dol'rhyd)	Col. P. H. Enthoven, D.L.	5	1 0	150	..	63·39	217	189
D Dolgelley (Borthwnog)	Col. C. W. H. Crichton	5	1 0	5	..	61·39	230	191
D Dolgelley (Bontddu)	E. P. Beale Esq.	5	0 10	50	58·8	66·83	229	197
d Llanbedr (Llwyn)	A. Towers, Esq.	5	1 6	50	..	49·87	..	..
5.—DOVEY. 82 sq. mi.								
D Aberdovey (Plas Penhelig)	J. M. Howell, Esq., D.L.	5	1 0	120	..	46·86	220	182
D Pennal (Llwyn-Celyn) *new g.*	Lt.-Col. M. V. le P. Trench	5	1 0	30	..	59·40	223	192
D Pennal (Talgarth Hall)	Owen D. Jones, Esq.	5	0 9	125	..	61·23	230	193
6.—SEVERN—Left Bank Tributaries.								
CARNARVON. (Area, 572 sq. mi.)								
1.—BARDSEY ISLAND.								
2.—CONWAY & C. 146 sq. mi.								
Lake Cowlyd (Capel Curig)	N. Wales Power Co. Ltd.	5	1 0	1400	..	98·36	..	..
M Lake Cowlyd (Llethyr Gwyn) c	C. F. Farrington, Esq., C.E.	5	1 0	1700	..	93·20	..	..
Lake Llwgwy	N. Wales Power Co.	5	..	1820	..	105·73	..	..
M L. Cowlyd (Ffrith Carreg Wen) A	C. F. Farrington, Esq., C.E.	5	1 0	1168	..	95·76	..	..
M Lake Cowlyd (Ffrith Fawr) B	C. F. Farrington, Esq., C.E.	5	1 0	1700	..	90·90	..	..
M Lake Cowlyd (Gors-y-Llithrig) D	C. F. Farrington, Esq., C.E.	5	1 0	1900	..	93·30	..	..
d Trefriw (Belle Vue Spa)	C. A. Hoefftcke, Esq.	5	1 0	8	..	59·43	..	158
d Trefriw Wells	C. P. Adamson, Esq.	5	1 0	25	..	53·16	..	..
D Lake Eigiau (Dam Site) (+A)	N. Wales Power Co., Ltd.	5	1 5	1244	*83·9*	83·11	230	201
Llanbedr-y-Cennin (Melynllyn)	W. T. Ward, Esq., C.E.	5	1 0	2065	..	130·55	..	..
Llanbedr-y-Cennin (Llyndulyn) *old g*	W. T. Ward, Esq., C.E.	8	1 6	1632	93·6	101·31	..	..
Llanbedr-y-Cennin (Llyndulyn) *new g*	W. T. Ward, Esq., C.E.	8	1 6	1632	..	112·93	..	..
Llanbedr-y-Cennin (Plasdulyn)	W. T. Ward, Esq., C.E.	8	1 0	509	..	56·43	..	..
D Tyn-y-Groes (Dolcrwm)	R. S. Fisher, Esq.	5	1 0	100	..	49·86	212	175
D Tyn-y-Groes (Roe Wen)	Albert Wilson, Esq.	5	1 0	140	..	48·07	222	174
D Conway (Mussel Tks.)	Ministry of Agric. & Fisheries	5	1 0	50	..	31·96	190	156
Deganwy (Y Berlfa)	Dr. Willoughby Gardner	5	1 0	35	31·2	32·38	..	..
D LLANDUDNO (Cricket Ground)	Medical Officer of Health	5	1 1	13	28·1	28·27	199	144

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CARNARVON—(*con*).		*ins.*	*ft. ins.*	*ft.*	*ins.*	*in.*		
3.—MENAI STRAITS. 221 sq. mi.								
d Edeyrn Tydweiliog (Cefnamlwch)	The Head Gardener	5	1 0	300	..	44·56	..	169
D Madryn Castle (Farm School)	The Principal	5	1 0	278	39·0	37·85	202	169
d Llanaelhaearn (Cl. School)	J. Hughes, Esq.	5	2 0	500	51·6	42·25	..	..
Nantlle (Dorothea Quarries)	The late W. J. Griffith, Esq.	8	60 0	350	..	55·83	..	..
Llandwrog (Glynllivon Park)	Rt. Hon. Lord Newborough	5	1 0	100	44·7	(44·71)	..	..
D Llandwrog (Glynllivon Nursery)	Rt. Hon. Lord Newborough	5	1 0	180	..	47·14	207	172
D Llandwrog (Glynllivon Garden)	Rt. Hon. Lord Newborough	5	1 0	100	..	51·37	221	183
Llandwrog (Glynllivon Fort)	Rt. Hon. Lord Newborough	5	1 0	180	..	50·89	216	180
D Waenfawr Council School	D. R. Jones, Esq.	5	1 0	520	..	55·79	224	183
Carnarvon (Belan Fort)	Col. R. Vaughan Wynn	5	1 0	..	33·9	36·71	..	..
D Llanbeblig (Cefn Rhos)	Miss A. Preece	8	1 0	..	..	47·19	219	182
D Bethesda (Penrhyn Quarries)	A. H. Richards, Esq.	8	1 0	527	*65·8*	66·19	243	205
D Bangor (Town Hall)	Water Engineer & Surveyor.	8	1 6	50	..	44·31	208	189
D Bangor (Penrhyn Castle Gdns.)	Mr. J. Kneller	5	1 0	150	..	44·70	218	183
D Aber (University Coll. Farm)	Prof. R. G. White	5	0 6	60	..	43·83	224	170
D Llanfairfechan (Cae Cawr)	W. Timmins, Esq.	5	1 0	400	..	37·47	205	165
D Llanfairfechan	The Surveyor, U.D.C.	5	1 0	120	37·9	39·66	217	163
d Penmaenmawr (Plas Uchaf)	R. W. Barnes, Esq.	5	1 2	470	..	38·33	..	154
w Penmaenmawr (Mountain)	J. Parry-Hughes, Esq.	5	1 6	1100	..	39·90	..	..
4.—ERCH & C. 155 sq. mi.								
D Abersoch (Craig-y-Mor)	Lady Winterbotham	8	1 0	55	..	40·70	211	175
D Pwllheli (West End)	B. V. Howell, Esq.	8	1 0	9	..	41·44	220	174
w Pwllheli (Bodfean Hall)	Rt. Hon. Lord Newborough	5	1 0	155	43·7	41·43	..	..
D Pwllheli (Bodfean Hall Gdns.)	Rt. Hon. Lord Newborough	5	3 0	155	43.2	41·32	193	164
D Criccieth (Bron Eifion)	J. E. Greaves, Esq.	5	1 0	100	..	46·49	196	176
5.—GLASLYN 50 sq. mi.								
D Portmadoc (Wern)	R. M. Greaves, Esq.	5	1 0	20	..	53·56	244	193
d Beddgelert (Co. School)	The Headmaster	5	1 0	133	..	95·64	..	..
w Hafodtanygraig	Arnold White, Esq.	5	1 6	280	..	103·93	..	..
D Snowdon (Cwm Dyli) No. 11 (+A)	N. Wales Power Co., Ltd.	5	1 0	310	*117·9*	116·63	235	221
M Snowdon (Cwm Dyli, Old Rd.) 14.	N. Wales Power Co., Ltd.	5	0 10	325	..	116·36	..	..
M Snowdon (Llewedd) No. 2.	N. Wales Power Co., Ltd.	5	1 3	1485	..	108·50	..	..
M Snowdon (Delta) No. 7.	N. Wales Power Co., Ltd.	5	1 0	1435	..	163·74	..	..
M Snowdon (Glaslyn) No. 3.	N. Wales Power Co., Ltd.	5	0 8	2050	..	147·87	..	..
M Snowdon (Teryn) No. 1.	N. Wales Power Co., Ltd.	5	1 0	1080	..	154·25	..	..
d Snowdon (Llydaw Intake) No. 10.	N. Wales Power Co., Ltd.	5	1 0	1480	..	155·13	(232)	(213)
w Snowdon (L. Llydaw Copper M.) 9.	N. Wales Power Co., Ltd.	5	1 5	1480	..	155·74	..	..
M Snowdon (Llyn Llydaw) No. 5.	N. Wales Power Co., Ltd.	5	1 0	1470	..	116·99	..	..
M Snowdon (Grib Goch) No. 8.	N. Wales Power Co., Ltd.	5	1 3	2340	..	162·96	..	..
ANGLESEY. (Area, 275 sq. mi.)								
D Bryn-siencyn (Trefarthen)	Miss E. Meyrick	5	1 0	30	..	42·28	205	164
D Llangadwaladr (Bodorgan)	Mr. A. Young	5	1 0	100	37·5	38·82	199	165
§Llanfaelog	H. S. Lowe, Esq., J.P.	5	0 9	50	32·0	34·48	..	..
Llanfaelog, No. 2	H. S. Lowe, Esq., J.P.	5	0 9	50	..	38·33	..	..
Plas Cadnant	Major T. Fanning Evans	5	1 0	156	..	48·21	209	185
D Pen-y-Parc	Com. Sir R. Williams-Bulkeley, Bt. K.C.B.	5	1 0	372	..	46·78	213	180
D Llangefni (Glanaber)	M. Spencer Rogers, Esq.	8	1 2	70	..	43·49	218	165
d Llangefni (Fronheulog)	A. H. Withinshaw, Esq.	5	1 0	125	..	42·86	..	162
d Llansadwrn (Treffos)	C. Panton Vivian, Esq	..	..	318	..	50·77	..	174
Beaumaris (Fryars) (R)	Mrs. Burton	10	2 0	20	37·4	42·58	..	..
D Llangwllog (Trescawen)	Mrs. Pritchard-Rayner	5	1 0	239	42·2	43·97	213	176
D Penmon (Tros-yr-afon)	Major H. W. Jones	8	1 4	60	..	44·94	235	171
D Bodedern (Presaddfed)	Lt.-Col. W. A. Fox-Pitt	5	1 0	150	38·9	38·10	189	170
D Holyhead (Salt Island) (+A)	Assistant-in-Charge (M.O.)	8	1 0	26	34·8	35·41	197	142
D Llanerchymedd (Llwydiarth Esgob)	E. Thomas, Esq.	5	1 0	175	38·1	40·97	218	185
d Lligwy (*new g.*)	Lord Boston	5	1 0	170	..	44·79	..	155
Amlwch (Dyffryn Adda)	Major T. Fanning Evans	5	1 3	178	36·3	39·88	199	170

§ Gauge over-exposed.

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ISLE OF MAN. (Area, 227 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
St. Marks (Ballahowin)	Rev. R. Jones	5	1 0	374	..	39·67	..	..
D Douglas (Borough Cemetery)	The Borough Surveyor	8	1 0	284	41·2	42·55	204	162
D Douglas (Clypse Res., Onchan)	T. C. Greenfield, Esq, C.E.	8	1 0	440	43·9	41·44	217	155
D West Baldwin Reservoir (*new g*)	T. C. Greenfield, Esq., C.E.	5	1 0	475	..	56·34	202	174
Maughold Head	Com'rs. of N. Lighth's	5	0 6	230	..	35·50	..	..
d Ramsey (Town Hall)	The Town Surveyor	8	13 4	20	..	39·27	..	..
D Ramsey (North Promenade)	The Town Surveyor	8	2 0	15	..	37·17	199	132
d Point of Ayre	Com'rs. of N. Lighth's	8	1 0	30	..	(35·29)	(200)	(155)
CHANNEL ISLANDS. (Area, 76 sq. mi.)								
JERSEY. 45 sq. mi.								
D La Rocque (Sandhurst)	H. C. Bisson, Esq.	5	1 6	10	..	31·65	181	140
D St. Saviour (Petit Menage)	G. T. Robin, Esq.	5	0 10	30	..	39·87	216	169
D Grouville	L. de Carteret Malet, Esq.*	5	1 6	70	..	45·32	198	161
D St. Heliers (Harbour Office)	The Greffier	8	1 0	28	..	37·93	193	156
D St. Heliers (St. Louis Obs.) *new g.*	Rev. Ch. Rey, S.J.	8	1 5	180	*30·1*	39·72	195	159
D St. Brelade (La Sergenté)	W. Benest, Esq	5	1 4	194	..	36·83	196	155
D St. Aubins (Belle Vue)	C. J. Sumner, Esq.	5	1 2	220	..	37·61	198	161
D St. Lawrence (Beaumont Marsh)	F. A. Laxen, Esq.*	5	1 0	60	..	38·68	177	154
D Millbrook (St. Helier W.W.)	A. J. Jenkins, Esq., C.E.	5	0 11	53	..	39·92	186	159
D Handois Reservoir	A. J. Jenkins, Esq.	5	1 0	272	..	45·92	207	171
GUERNSEY. 25 sq. mi.								
D Torteval (La Colombier)	E. W. Sarre, Esq. **	5	1 0	237	..	40·37	211	155
D St. Martin's (Les Blanches)	B. T. Rowswell, Esq.	5	1 0	309	..	39·03	207	162
D St. Martin's (Hât Nez)	A. A. Allain, Esq., C.E.	5	0 8	336	..	43·23	207	164
D Villiaze	A. A. Allain, Esq., C.E.	5	0 6	302	..	43·51	205	159
D St. Andrew (Vauxbelets College)	The Director	5	1 5	260	..	34·62	186	138
D St. Peter Port (Grange Road)	States Met. Committee	5	1 0	175	33·2	43·32	205	168
D St. Peter Port (Market Street)	B. T. Rowswell, Esq.	5	52 8	99	..	40·37	203	158
D Castel (King's Mills)	A. A. Allain, Esq., C.E.	5	2 0	47	..	37·24	195	153
D Rohais (Colborne Villa)	T. J. Guilbert, Esq., C.E.	5	1 0	116	..	39·29	201	166
D Menheniot Vineries	Major H. Roper	5	1 1	97	..	41·88	199	162
D Les Quartiers	A. Higgs, Esq.	5	1 2	50	..	36·48	184	146
D Vale (Maison de Bas)	J. J. Rowssel, Esq.**	5	1 0	50	..	37·07	203	155
D Vale (La Turquie Hill)	H. H. Smith, Esq**	5	0 11	40	..	36.63	195	148
SARK. 2 sq. mi.								
D Pointe Robert	B. T. Rowswell, Esq.	5	1 0	214	..	32·69	190	144
HERM. 1 sq. mi.								
D Herm	Sir Percival Perry	5	1 3	8	..	32·67	177	141
ALDERNEY. 3 sq. mi.								
D St. Anne's	B. T. Rowswell, Esq.	5	1 0	235	..	34·61	187	152

* *Per* A. J. Jenkins, Esq. ** *per* States Met. Committee.

SCOTLAND.

DIVISION XII—SOUTHERN COUNTIES.

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
WIGTOWN. (Area, 488 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—LOCH RYAN. 46 sq. mi.								
D Castle Kennedy (Lochinch)	Earl of Stair	8	1 0	85	..	44·47	217	182
2.—WESTERN GALLOWAY, 44 sq. mi.								
D Logan House	K. McDouall, Esq.	8	1 0	80	37·3	39·50	249	168
Corsewall	Com'rs. of N. Lighthouses	8	4 1	48	..	34·11	..	..
3.—LUCE BAY. 186 sq. mi.								
D Whithorn (Physgill)	F. B. Hopkins, Esq.	5	1 0	170	36·4	37·00	213	167
D Whithorn (Glasserton)	Adm. Johnston Stewart, C.B.	5	1 0	225	39·5	39·98	208	166
d Port William (Monreith)	L. R. Younger, Esq.	5	1 0	145	38·5	39·71	..	..
Stoneykirk (Ardwell House)	Sir E. MacTaggart Stewart, Bt.	8	2 6	50	36·3	40·60	..	..
D New Luce (Public School)	J. Mackay, Esq.	5	1 0	200	46·6	48·91	219	184
4.—CREE & WIGTOWN BAY. 212 sq. mi.								
D Garlieston (Galloway Ho.)	P. H. Fletcher, Esq.	5	0 11	40	39·1	39·28	223	181
D Garlieston (Culderry)	Capt. A. Walmsley	5	1 0	25	..	40·31	212	174
D Kirkcowan (Craighlaw)	Major W.M. F. Hamilton	5	1 0	300	48·3	48·59	218	183
D Newton Stewart (Little Barraer)	Brig.-Gen. G. M. P. Hawthorn, C.B.E., D.S.O.	5	1 0	180	..	45·29	217	169
D Newton Stewart (Duncree)	Maj.-Gen. Sir Keith Stewart K.C.B.	5	1 0	125	..	41·94	221	176
KIRKCUDBRIGHT. (Area, 902 sq. mi.)								
1.—DOON. 16 sq. mi.								
w Rig of Millmore	Galloway Water Power Co.	5	1 0	1450	..	76·65	..	..
2.—CREE & WIGTOWN BAY. 222 sq. mi.								
d Borgue (Corseyard)	J. Douglas Brown, Esq.	5	1 0	50	39·8	36·84	..	156
w Kirroughtree Forest	J. McK. Graham, Esq.	5	1 3	350	..	43·80	..	..
3.—DEE. 377 sq. mi.								
D Threave	Major C. L. Gordon	5	1 0	275	..	48·34	206	169
D Mossdale (Hensol)	Lady Charles Kennedy	8	1 0	200	51·7	48·50	252	177
D Mossdale (Barney Water)	Galloway Water Power Co.	5	1 0	240	..	53·10	215	180
D Orchars	Galloway Water Power Co.	5	1 0	450	..	67·94	212	190
D Clatteringshaws (Sch. Ho.)†	Galloway Water Power Co.	5	1 0	600	..	67·55	249	195
D Craigencallie	Galloway Water Power Co.,	5	1 0	740	..	81·25	207	189
Loch Dee	Galloway Water Power Co.	5	1 0	800	..	77·33	..	..
D Dalry (Glendarroch)	Miss M. Barbour	5	2 0	190	54·5	52·40	226	175
D Dalry (Garroch)	Arthur Young, Esq.	8	1 0	250	59·7	64·05	205	182
d Backhill-of-the-Bush	Galloway Water Power Co.	5	1 0	890	..	80·68	..	183
D Dalry (Forrest Lodge)	Sir John Wood, Bart.	5	1 0	500	63·2	78·14	216	195
d Carsphairn (Carlins Cairn)	Galloway Water Power Co.	5	1 0	1250	..	97·04	..	..
D Carsphairn (Shiel)	S. Wilson, Esq.	5	1 0	825	73·9	79·86	234	209
D Carsphairn (Fingland)	Galloway Water Power Co.	5	1 0	940	..	48·29	221	179
D Carsphairn (Knockgray)	Miss Clark Kennedy	8	1 0	641	56·0	61·87	252	190
D Carsphairn (Cornharrow)	Galloway Water Power Co.	5	1 0	810	..	57·33	229	186
D Carsphairn (Moorbrock)	Galloway Water Power Co.	5	0 9	1000	..	73·69	190	178
D Carsphairn (Knockingarroch)	Galloway Water Power Co.	5	1 0	740	..	62·31	218	189
D Carsphairn (Lorg)	Galloway Water Power Co.	5	1 0	960	..	79·65	230	212
d Carsphairn Moor	Galloway Water Power Co.	5	1 0	790	..	72·61	(257)	(195)
4.—URR & C. 196 sq. mi.								
D Auchencairn (Craigshall)	W. M. Thomson, Esq.	5	1 0	12	..	45·62	208	169
Auchencairn (Torr House)	Thomas Ovens, Esq.	5	1 0	50	47·1	47·78	..	..
d Dalbeattie (Kirkennan)	Major Aymer Maxwell	5	0 9	30	46·2	45·78	..	157
D Dalbeattie(Drumstinchall)	Mrs. Hanbury	8	0 9	400	46·1	49·53	194	171
d Chipperkyle	Lt.-Col. J. A. Pollok Morris.	5	1 6	310	..	46·05	..	155
5.—NITH & C. 91 sq. mi.								
D Lochrutton (Dumfries W.W.)	J. Smellie, Esq.	5	1 0	273	44·0	48·27	224	167
D Carruchan	J. Hitchen, Esq.	5	1 0	73	..	46·31	205	167
DUMFRIES. (Area, 1,074 sq. mi.)								
1.—CLYDE—Right Bank Tributaries. 5 sq. mi.								
2.—URR. 6 sq. mi.								

† From 1st July readings are from Clatteringshaws Intake.

DIVISION XII—SOUTHERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935: Rainfall.	1935: Days with ·01 in. or more.	1935: Days with ·04 in. or more.
DUMFRIES—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—NITH & C. 421 sq. mi.								
D RUTHWELL (Comlongon Cas.)	W. Brown for the Earl of Mansfield	5	1 0	67	35·5	37·42	185	148
D DUMFRIES (Crichton Roy. Inst)	..C. C. Easterbrook, Esq.,M.D.	5	1 0	140	36·8	39·69	198	152
D Blackwood	T. W. Kennedy, Esq.	5	1 6	90	41·1	45·64	200	165
D Moniaive (Glencrosh)	Miss Macmillan	5	1 1	400	51·0	53·16	205	174
D Maxwelton House	Sir W. E. Laurie, Bt.	5	1 3	375	..	48·86	198	174
D Thornhill (Townhead)	C. L. Johnstone, Esq.	5	1 0	670	..	43·52	197	167
D Durrisdeer (Drumlanrig)	R. A. S. Ritchie, Esq.	5	0 9	191	43·6	51·57	243	181
4.—ANNAN. 367 sq. mi.								
D Dalton (Whitecroft)	Lady A. Maitland-Heriot...	5	0 8	240	40·1	43·23	203	172
D Dalton (Kirkwood)	Captain J. Steel	5	1 0	250	..	48·41 ?	242	175
M Lockerbie (Thornbank)	W. Murdoch, Esq.	5	1 0	259	39·0	44·94	..	..
D Gubhill School	The Head Mistress	5	1 0	560	49·2	49·62	221	174
D Moffat (Huntly Lodge)	W. R. Morton, Esq.	8	1 3	428	..	(46·87)	(212)	(167)
D Evan Water School	Mrs. Grossart	5	1 0	560	51·2	52·22	212	174
5.—ESK. 275 sq. mi.								
D Eaglesfield (Springkell Gdns.)	Mr. Charles George	5	1 0	303	41·3	45·39	192	165
D Canonbie (Irvine House)	Sir J. Milne Home	5	0 9	200	46·5	50·61	202	163
Langholm (Ewes)	Mrs. Lyall	5	1 0	445	53·4	57·21	..	..
D ESKDALEMUIR Observatory (+A)	..The Superintendent	8	1 4	794	56·3	59·92	224	177
ROXBURGH. (Area, 666 sq. mi.)								
1.—NORTH TYNE. 6 sq. mi.								
2.—TWEED LOWER—Right Bank Tributaries. 57 sq. mi.								
D Yetholm (Old Graden)	P. S. Short, Esq.	5	1 0	500	..	29·79	211	141
3.—TWEED—Teviot & c. 431 sq. mi.								
D Hawick (WOLFELEE)	T. Lockie for Mrs. Browne	5	1 0	537	37·6	35·31	190	157
d Todshawhaugh	R. J. Usher, Esq.	5	1 0	450	..	34·09	(204)	(149)
d Hawick (Dominican Priory)	Sister Mary Augustine	5	1 0	440	..	32·53	(222)	(143)
D Denholm (Spital Tower)	J. G. Leadbetter, Esq.	5	0 9	410	32·7	30·63	211	156
D Jedburgh (Jedneuk)	Capt. John S. Aikman, M.C.	5	1 0	270	26·3	28·29	206	135
D Jedburgh (Crailing)	Major J. A. Paton	5	1 0	190	27·6	26·82	192	133
D Ancrum (Monteviot)	Bertram Talbot, Esq.	5	1 0	210	29·8	28·58	200	146
Linton (Clifton Park)	T. R. B. Elliot, Esq.	5	1 0	250	..	28·35	..	..
D Melrose (Bowden, Kippilaw)	W. A. Henderson, Esq.	5	1 6	500	..	29·35	198	147
D St. Boswells (Monksford)	T. S. Craig, Esq.	5	0 11	320	26·9	29·63	196	137
4.—TWEED—Ettrick & c. 10 sq. mi.								
D Melrose (Asylum) *gauge* A	T. C. Mitchell, Esq.	5	0 6	480	31·4	29·42	196	144
D Melrose (Asylum) *gauge* B	T. C. Mitchell, Esq.	5	1 0	480	30·8	27·64	196	144
5.—TWEED—Gala. 6 sq. mi.								
6.—TWEED—Leader & c. 25 sq. mi.								
7.—TWEED, LOWER—Left Bank Tributaries. 25 sq. mi.								
D KELSO (Broomlands)	J. C. Scott, Esq.	5	1 0	193	26·0	25·92	202	133
8.—ESK. 106 sq. mi.								
Newcastleton Forest	Forestry Commission	5	1 0	700	48·5	48·76	..	..

DIVISION XIII—SOUTH-EASTERN COUNTIES.

SELKIRK. (Area, 268 sq. mi.)								
1.—TWEED—Teviot & c. 34 sq. mi.								
D Selkirk (Whitmuir Hall)	Miss M. E. Maxwell	5	1 0	800	32·5	32·80	218	152

DIVISION XIII—SOUTH-EASTERN COUNTIES.—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SELKIRK—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—TWEED—Ettrick & c. 192 sq. mi.								
D Ettrick Manse	Rev. W. Addison	5	1 2	787	55·6	49·01	199	165
3.—TWEED, UPPER—Right Bank Tributaries. 17 sq. mi.								
4.—TWEED, UPPER—Left Bank Tributaries. 19 sq. mi.								
Galashiels (The Peel, Clovenfords)	W. R. Ovens, Esq.	5	1 0	450	35·5	33·28	..	..
5.—TWEED—Gala. 6 sq. mi.								
PEEBLES. (Area, 348 sq. mi.)								
1.—TWEED, UPPER—Right Bank Tributaries, 127 sq. mi.								
M Edin. WW (Ravenscraig) ..3..	Messrs. Leslie & Reid, C.E..	5	1 3	2258	..	85·55	..	..
M Edin. WW (Gameshope Loch)..4..	Messrs. Leslie & Reid, C.E..	5	1 3	1860	70·6	62·67	..	..
M Edin. WW (Loch Craig Head) 2..	Messrs. Leslie & Reid, C.E..	5	1 0	2627	..	76·33	..	..
M Edin. WW (Gameshope Farm) 5..	Messrs. Leslie & Reid, C.E..	5	1 3	1538	..	72·92	..	..
M Edin. WW (Talla Linns Foot)..6..	Messrs. Leslie & Reid, C.E..	8	1 3	966	61·8	53·39	..	..
M Edin. WW (Quarter Hill) ..7..	Messrs. Leslie & Reid, C.E..	8	1 3	1196	..	47·55	..	..
D Edin. WW (Victoria Lodge)...8..	Messrs. Leslie & Reid, C.E..	5	1 3	900	50·0	44·15	215	173
2.—TWEED, UPPER—Left Bank Tributaries. 192 sq. mi.								
D Stobo Castle	Mr. J. Finnie	5	1 0	594	34·9	33·98	194	153
D Peebles (Golf Course)	The Town Clerk	5	1 0	629	..	34·37	177	153
D West Linton (Woodlea Cottage)...	Messrs. Leslie & Reid, C.E..	5	1 0	801	..	35·22	210	147
D West Linton (Cairnton)	Dr. R. Graham Yooll	5	1 0	820	..	39·87	194	164
D West Linton (Baddingsgill Res.) ..	A. Simpson, Esq.	8	1 0	1100	..	44·54	235	171
3.—ESK. 23 sq. mi.								
D Eddlestone (Portmore Res.)	Messrs. Leslie & Reid, C.E..	11	1 0	1007	..	35·90	232	157
4.—CLYDE—Right Bank Tributaries. 6 sq. mi.								
BERWICK. (Area, 457 sq. mi.)								
1.—TWEED—Gala. 6 sq. mi.								
2.—TWEED—Leader. 92 sq. mi.								
D Earlston (Cowdenknowes)	T. A. Mole, Esq.	5	1 3	300	28·8	28·14	176	143
M Lauder (Burncastle)	J. G. S. Turnbull, Esq.	5	1 0	900	30·2	28·84	..	..
M Earnscleugh Burn (Blythe Rig)...	J. G. S. Turnbull, Esq.	5	1 0	1200	36·1	38·49	..	..
3.—TWEED, LOWER—Left Bank Tributaries. 115 sq. mi.								
Coldstream (Lochton)	J. Aitchison, Esq.	5	1 0	151	25·9	27·11	..	..
D Swinton House (+A)..	Rev. A. E. Swinton	5	1 0	200	26·4	27·15	200	130
d Whitsomehill	R. Hogg, Esq.	5	1 0	260	26·0	23·39	..	..
D Paxton (Tweedhill)	H. I. Brackenbury, Esq.	5	1 7	60	..	25·97	167	129
4.—TWEED—Whiteadder. 164 sq. mi.								
D Marchmont House	P. Ross, Esq.	5	1 0	498	32·2	30·53	212	139
D Duns (Nisbet House Gdns.)	Mr. W. Cowieson	5	1 0	290	26·8	31·98	203	147
D Duns (Oxendean)	A. C. Fraser, Esq.	8	0 7	600	..	31·54	179	142
D Duns Castle	Mrs. F. S. Hay	5	1 0	500	30·8	29·81	194	134
D Duns (Manderston)	Mr. F. J. Marshall	5	2 6	356	30·7	31·93	220	140
5.—EAST COAST STREAMS. 80 sq. mi.								
St. Abb's Head	Com'rs of N. Lighthouses	8	5 6	212	23·6	27·50	..	..

DIVISION XIII—SOUTH-EASTERN COUNTIES—(*con.*).

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EAST LOTHIAN (Area, 267 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—TWEED—Leader. 1 sq. mi.								
2.—TWEED—Whiteadder. 35 sq. mi.								
3.—EAST COAST STREAMS. 69 sq. mi.								
M Garvald (Donolly Reservoir)	A. Robertson, Esq., C.E.	5	1 0	550	32·8	29·94	..	..
M Garvald (Thorter Reservoir)	A. Robertson, Esq., C.E.	5	1 0	700	..	29·84	..	..
D Broxmouth	J. Easson, Esq.	4	1 0	50	..	23·74	157	115
D Dunbar (Public Park)	The Town Council (Sir. W. J. Keith)	5	1 0	75	..	22·45	179	111
4.—TYNE & C. 114 sq. mi.								
d Lammermuir H. (West Hopes)	J. Ross, Esq.	5	1 0	736	34·4	34·88	..	..
w Lammermuir H. (Stobshiel Res.) B.	J. Ross, Esq.	5	1 0	950	33·0	31·49	..	..
w Lammermuir H. (Stobshiel Res.) A.	J. Ross, Esq.	5	1 0	998	28·1	27·87	..	..
w Lammermuir H. (Lammerloch Res.)	J. Ross, Esq.	5	1 0	900	..	30·98	..	..
5.—FIRTH OF FORTH. 48 sq. mi.								
d East Fortune Sanatorium	The Clerk of Works	5	1 4	101	23·5	24·83	..	109
D Dirleton	James Curr, Esq.	5	1 0	149	..	22·76	168	117
D North Berwick Reservoir	A. Robertson, Esq., C.E.	5	1 0	150	25·4	27·68	188	131
D North Berwick (Gas Works)	The Town Council	5	1 0	118	24·1	23·10	173	125
6.—INSULAR.								
Fidra	Com'rs. of N. Lighthouses	...	..	..	21·0	22·76	168	127
MIDLOTHIAN. (Area, 369 sq. mi.)								
1.—TWEED—Gala. 68 sq. mi.								
M Stow (Cragdale)	J. Pringle, Esq.	5	0 6	642	*33·3*	30·81	..	..
2.—TYNE. 28 sq. mi.								
D Oxenfoord Castle Gardens	Mr. D. M. Welsh	5	1 6	409	*27·6*	27·79	177	134
3.—FIRTH OF FORTH. 3 sq. mi.								
4.—ESK. 116 sq. mi.								
M Moorfoot Hills (Bowbate) *old g.*	Messrs. Leslie & Reid, C.E.	11	0 6	1260	*46·6*	42·90	..	..
M Moorfoot Hills (Bowbate) *new g.*	Messrs. Leslie & Reid, C.E.	5	1 0	1260	..	42·48	..	..
D Moorfoot Hills (Gladhouse Res.)	Messrs. Leslie & Reid, C.E.	5	0 8	915	35·3	33·65	224	163
D Moorfoot Hills (Rosebery)	Messrs. Leslie & Reid, C.E.	5	0 9	750	..	31·76	198	149
D Moorfoot Hills (Edgelaw)	Messrs. Leslie & Reid, C.E.	5	0 10	654	..	27·52	200	139
D Gorebridge	W. S. B. Brown, Esq.	5	1 0	560	*29·5*	29·16	189	140
M Pentland Hills (Harehill)	Messrs. Leslie & Reid, C.E.	11	1 7	1297	..	37·01	..	..
D Pentland Hills (Martyrs Cross)	Messrs. Leslie & Reid, C.E.	5	1 0	750	..	37·71	240	162
D Pentland Hills (Loganlea)	Messrs. Leslie & Reid, C.E.	5	1 0	811	..	36·52	198	149
D Pentland Hills (Glencorse Fil.)	Messrs. Leslie & Reid, C.E.	5	1 0	638	..	33·48	189	141
D Pentland Hills (Glen Cottage)	Messrs. Leslie & Reid, C.E.	5	1 2	739	..	34·61	193	146
D Newbattle (Public School)	W. Fowler, Esq.	5	1 0	300	*26·1*	28·29	182	133
5.—ALMOND & C. 153 sq. mi.								
D Pentland Hills (Crosswood)	Messrs. Leslie & Reid, C.E.	5	1 0	950	..	38·41	219	162
D Pentland Hills (Harperrig)	Messrs. Leslie & Reid, C.E.	5	1 0	900	..	36·56	210	146
D Pentland Hills (Morton)	Messrs. Leslie & Reid, C.E.	5	1 0	749	..	33·93	218	155
d West Calder (Addiewell)	Scottish Oils, Ltd.	12	21 0	620	35·7	36·20	..	..
D Boghall (+A)	Edin. & E. of S. Coll. of Ag.	8	1 0	639	*31·4*	31·91	195	133
D Balerno (Shothead)	A. B. Buchanan Smith, Esq.	5	1 0	750	..	35·82	181	160
D Pentland Hills (Harlaw Res.)	Messrs. Leslie & Reid, C.E.	5	1 0	800	..	30·93	208	142
M Pentland Hills (Bonally Res.)	Messrs. Leslie & Reid, C.E.	11	0 6	1112	..	35·55	..	..
D Pentland Hills (Clubbiedean Res.)	Messrs. Leslie & Reid, C.E.	5	0 6	773	..	30·20	188	135
M Pentland Hills (Swanston)	Messrs. Leslie & Reid, C.E.	11	0 6	550	..	30·33	..	..
D Pentland Hills (Fairmilehead)	Messrs. Leslie & Reid, C.E.	5	1 0	590	..	29·92	180	131

DIVISION XIII—SOUTH-EASTERN COUNTIES—(*con.*).

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	MIDLOTHIAN—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	5.—ALMOND & C.—(*con.*).								
D	Liberton (Alnwick Hill)	Messrs. Leslie & Reid, C.E..	5	1 0	407	..	29·10	179	132
D	Colinton (Firhill Tank)	Messrs. Leslie & Reid, C.E..	5	0 6	412	..	26·12?	199	127
D	LIBERTON (College Farm)	Edin. & E. of S. Coll. of Ag. .	5	1 0	190	*27·2*	28·51	181	133
D	EDINBURGH (BLACKFORD HILL)	The Astronomer Royal for Scot.	8	1 0	441	26·3	27·63	193	127
D	EDINBURGH (UNIV. KING'S B.)	Prof. Sir T. Hudson Beare..	5	1 0	225	..	27·16	181	128
D	Edinburgh (Gogar Park)	R. Cross, Esq.	5	1 0	155	..	28·12	190	130
D	Edinburgh (Napier Road)	Mrs. H. G. Harrison	5	1 0	300	*26·0*	26·87	202	127
d	Edinburgh (Corstorphine)	J. Laughton, Esq.	5	0 8	180	..	26·86	(185)	(122)
D	Edinburgh (The Academy)	W. P. D. Wightman, Esq., M.Sc.	5	1 0	70	*25·3*	26·25	180	126
D	Edinburgh (St. Roque)	Mr. H. B. Waugh	5	0 10	270	*26·6*	28·64	181	135
D	Edinburgh (City Observatory)	J. McDougal Field, Esq....	8	1 0	348	*24·1*	25·84	187	129
D	Edinburgh (Royal Botanic Gd.)	Prof. Sir W. Wright-Smith	5	1 0	74	*26·0*	24·94	169	122
	6.—CLYDE—Right Bank Tributaries. 1 sq. mi.								
	WEST LOTHIAN (Area, 120 sq. mi.)								
	1.—ALMOND & C. 60 sq. mi.								
M	Uphall—No. 7.	Messrs. Leslie & Reid, C.E..	8	1 4	790	..	33·06	..	..
M	Uphall—No. 8.	Messrs. Leslie & Reid, C.E..	8	1 4	577	..	32·66	..	..
M	Uphall—No. 6.	Messrs. Leslie & Reid, C.E..	8	1 4	680	..	32·90	..	..
M	Uphall—No. 3.	Messrs. Leslie & Reid, C.E..	8	1 2	711	..	32·67	..	..
d	Uphall	Scottish Oils, Ltd.	8	0 10	380	*31·2*	32·43	..	..
D	Uphall (Houstoun House)	J. W. Shairp, Esq.	5	1 0	420	..	31·58	184	138
	Winchburgh (Hopetown Oil Wks.)	Scottish Oils, Ltd.	8	2 2	327	..	32·04	..	..
	Dalmeny House	The Earl of Rosebery	5	1 0	50	..	27·55	..	..
	2.—FORTH—Right Bank Tributaries.—59 sq. mi.								
D	Bathgate (Filters)—No. 1.	A. L. Reid, Esq.	5	0 9	640	*33·0*	31·41	171	135
M	Bathgate (Petershill Res.)—No. 2.	A. L. Reid, Esq.	5	0 9	710	*30·3*	28·01	..	..
M	Bathgate (Ballencrieff R.)—No. 3.	A. L. Reid, Esq.	5	0 9	792	*31·0*	26·01	..	..
M	Torpichen (Lochcote)	Wm. Beattie, Esq.	5	0 9	550	*33·2*	30·77	..	..
D	Uphall (Beecraigs)	Messrs. Leslie & Reid, C.E..	5	1 0	531	..	33·74	192	149
M	Carribber Reservoir	Wm. Beattie, Esq.	5	0 9	350	..	34·60	..	..
D	Linlithgow (Grange)	Miss J. G. Cadell	5	0 9	430	..	34·31	234	158
D	Linlithgow (Preston House)	Mr. C. Blair	5	1 0	380	..	33·68	185	137
	3.—CLYDE.—Right Bank Tributaries. 1 sq. mi.								

DIVISION XIV—SOUTH-WESTERN COUNTIES.

LANARK. (Area, 881 sq. mi.)

1.—TWEED, UPPER—Left Bank Tributaries. 20 sq. mi.

2.—ALMOND. 14 sq. mi.

	3.—FORTH—Right Bank Tributaries. 9 sq. mi.								
D	Airdrie (Forrestburn Res.)	A. Simpson, Esq., C.E.	5	1 0	722	*36·6*	40·38	191	170
	4.—CLYDE—Right Bank Tributaries. 378 sq. mi.								
D	Crawford (Camps Res.)	Jas. McMillan, Esq.	11	0 10	969	..	41·38	221	179
D	Crawford (Camps Res.) *new g* (+A)	Jas. McMillan, Esq.	5	0 10	969	..	41·04	222	178
D	Crawford (Camps Res.) No. 3	Jas. McMillan, Esq.	11	0 10	969	..	41·74	221	178
M	Coulter Reservoir—No. 1.	L. Costley, Esq., C.E.	11	1 0	1250	..	46·00	..	..
M	Lamington (Cowgill Reservoir)	J. Chisholm, Esq., C.E.	5	1 0	1012	..	36·45	..	..
D	Biggar (Shieldhill)	Miss Dunlop	5	1 0	850	*32·7*	34·76	221	176
D	Lamington House	Rt. Hon. Lord Lamington..	5	1 0	730	*38·0*	37·89	224	169
	Carluke (Coldstream Reservoir)	L. Costley, Esq., C.E.	11	1 0	800	*36·2*	36·20	..	..
	Carluke	J. Barr, Esq.	5	0 5	640	..	38·45	..	..
D	CARLUKE (Law Junction)	Dr. W. A. Galbraith	5	1 0	534	..	35·32	195	139
	Wishaw (Kirk Road)	J. Y. Scott, Esq.	6	1 0	480	*32·1*	35·65	..	..
	Wishaw (Coronation Street)	A. Hinshelwood, Esq.	5	1 3	510	..	34·31	..	..
D	Glasgow (Tollcross Park)	W. Besant, Esq.	5	0 6	85	*37·5*	37·67	201	164

DIVISION XIV—SOUTH-WESTERN COUNTIES.—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LANARK—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—CLYDE—Right Bank Tributaries—(*con.*).								
D Glasgow Green	W. Besant, Esq.	5	0 6	35	*36·8*	41·94	200	171
D Glasgow (Alexandra Park)	W. Besant, Esq.	5	0 6	141	*36·4*	41·10	199	157
D Glasgow (Riddrie)	K. McKenzie Topping, Esq., B.Sc.	5	1 0	252	..	42·33	211	164
D Glasgow (Botanic Gardens)	W. Besant, Esq.	5	0 6	110	*35·5*	38·33	220	166
D Glasgow University	Prof. J. R. Currie, M.D., D.P.H.	8	1 0	85	*35·4*	37·92	211	159
D Glasgow (Kelvingrove Park)	W. Besant, Esq.	5	0 6	48	*36·2*	38·37	193	168
D Glasgow (Victoria Park)	W. Besant, Esq.	5	0 6	30	*36·8*	36·64	203	166
D Glasgow (Ruchill Park)	W. Besant, Esq.	5	0 6	222	*36·1*	39·27	210	162
D Glasgow (Springburn Park)	W. Besant, Esq.	5	0 6	351	*38·0*	43·44	230	174
M Clarkston (Roughrigg Res.)	J. Chisholm, Esq., C.E.	5	1 0	664	..	37·54	..	..
D Airdrie (Broomknoll Street)	J. Chisholm, Esq., C.E.	5	1 0	402	*35·1*	35·96	184	144
D Gartcosh (Gartloch Hospital)	Mr. Donald McMillan	5	1 0	291	*38·0*	37·65	199	156
d Caldercruix (Hillend Res.)	Mr. Boyd Drummond	5	3 6	620	*37·3*	39·38	..	156
D Chryston School House	W. V. Forrest. Esq.	5	1 0	298	..	39·18	209	160
5.—CLYDE—Left Bank Tributaries. 448 sq. mi.								
Elvanfoot (Potrenick Burn)	L. Costley, Esq., C.E.	11	1 0	1018	*63·5*	60·00	..	..
Elvanfoot (Peden Reservoir)	L. Costley, Esq., C.E.	11	1 0	1030	*62·0*	59·50	..	..
D Douglas (Kilncroft)	The Earl of Home	8	1 3	696	*43·4*	47·99	202	165
D Strathaven (Glengavel Res.) *new site*	J. McMillan, Esq., C.E.	5	1 0	839	..	58·78	215	173
D Symington (Birkwood)	Col. D. E. Brand, D.S.O.	5	1 6	750	..	35·50	202	157
D Strathaven (DUNGAVEL)	A. K. Foulis, for the Duke of Hamilton & Brandon	5	1 0	798	..	53·83	214	173
D Strathaven (Dunside Res.)	J. McMillan, Esq., C.E.	5	0 10	1010	..	56·95	226	170
D Strathaven (Dunside Res.) *new site*	J. McMillan, Esq., C.E.	5	1 0	1002	..	59·51	226	170
D Strathaven (Kype Res.)	George Allison, Esq.	5	1 0	941	..	58·51	208	177
W Lesmahagow (Auchtyfardle)	Mrs. Lander	5	1 0	578	*37·0*	40·60	..	..
Strathaven (East Overton Ho.)	H. Lee Dykes, Esq.	5	1 0	700	*43·8*	51·67	211	174
D Stonehouse (Sanatorium)	W. A. Chapman, Esq.	5	0 7	526	..	44·25	212	160
D Stonehouse (Glassford Filters)	J. McMillan, Esq., C.E.	5	0 9	775	..	51·25	232	172
D Hamilton W.W. (Townhill)	George Allison, Esq.	5	1 0	430	35·6	41·62	198	169
D Hamilton (Wellhall Road)	S. B. Becket, Esq.	5	1 6	234	*33·0*	36·98	189	148
D Hamilton (Woodlea)	W. Fletcher, Esq.	5	1 4	192	..	37·28	188	148
D THORNTONHALL	A. H. Bishop, Esq.	5	1 0	441	*38·4*	44·05	213	157
D Carmunnock (Carnbooth)	R. Robertson, Esq., C.E.	5	1 0	365	*39·3*	44·25	217	160
D Cambuslang (Greenlees Filters)	J. McMillan, Esq., C.E.	5	1 0	322	*35·6*	40·01	196	160
D Glasgow (Dumbreck)	W. Gillies, Esq., LL.B.	5	1 0	76	..	40·55	209	167
d Glasgow (Maxwell Drive)	Rev. F. C. Newbery	5	1 0	60	..	40·27	..	195
D Glasgow (Bellahouston Park)	W. Besant, Esq.	5	0 6	80	*36·5*	42·88	212	180
D Glasgow (Elder Park)	W. Besant, Esq.	5	0 6	25	*37·4*	42·41	213	173
6.—IRVINE. 2 sq. mi.								
7.—AYR. 1 sq. mi.								
8.—NITH. 2 sq. mi.								
9.—ANNAN. 7 sq. mi.								
AYR. (Area, 1,135 sq. mi.)								
1.—CLYDE—Left Bank Tributaries. 7 sq. mi.								
D Glengarnock (Chemical Works)	Messrs. Colvilles, Ltd.	8	15 0	105	54·4	50·68	211	173
2.—FIRTH OF CLYDE. 60 sq. mi.								
D Ardrossan (Burnfoot)	J. C. Duncan, Esq., C.E.	5	1 0	63	..	41·25	222	179
D Stevenston (Greenhead Filters)	W. G. Guild, Esq.	5	1 0	186	41·6	43·25	209	178
Ardrossan (Busbie Res.)	J. C. Duncan, Esq., C.E.	5	1 0	370	..	48·00	..	..
D Seamill	A. McDonald, Esq.	5	1 6	38	..	40·55	206	170
D West Kilbride School	Alex. M. Fleming, Esq.	5	1 0	200	..	43·82	215	176
West Kilbride (Crosbie Res.)	W Gray, Esq.	5	1 0	400	..	45·80	..	..
D West Kilbride (Hunterston)	Lt.-Gen. Sir A. Hunter-Weston, K.C.B.	5	1 0	40	42·4	44·98	207	177
D Fairlie (Southannan)	H. W. Rowe, Esq.	5	1 0	10	..	54·44	219	189
Fairlie (Water Works)	W. Gray, Esq.	5	1 0	270	..	52·92	..	..
D Largs (Stevenson Institute)	G. Arkieson, Esq.	5	1 0	20	..	48·06	206	168
D Largs (Woodbank)	A. Simpson, Esq.	5	1 0	25	..	45·82	219	173
D Largs (Noddsdale)	H. P. Ramage, Esq.	5	1 0	250	..	54·81	219	183

DIVISION XIV—SOUTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
AYR—(*con.*).		*in.*	*ft in.*	*ft.*	*in.*	*in.*		
2.—FIRTH OF CLYDE—(*con.*).								
D Largs (Middleton Filters)	G. Arkieson, Esq.	5	1 0	230	..	52·09	219	182
Shaws W.W. (Knockencorsan) *new site*	J. MacAlister, Esq., C.E.	5	1 0	1040	..	73·20	..	..
Shaws W.W. (Largs Road)	J. MacAlister, Esq., C.E.	5	1 0	910	*57·0*	67·40	..	..
3.—IRVINE & C. 296 sq. mi.								
d Ayr (Heathfield)	Medical Officer of Health.	5	1 0	43	..	28·87	..	132
D Prestwick	Burgh Surveyor.	5	1 0	17	..	31·88	203	161
D Monkton (Orangefield)	Mr. J. McCartney.	5	1 0	30	..	34·18	198	158
D Prestwick (Ladykirk Filters)	F. Pritty, Esq., C.E.	6	1 0	179	..	43·14	216	168
D Troon	The Town Council (M. S. Brodie)	5	1 0	15	..	36·77	198	155
D Symington	T. McMillan, Esq., M.A.	5	1 0	290	..	41·08	213	169
D Hurlford (Carnell)	G. D. Findlay Hamilton, Esq.	5	1 0	300	..	42·43	215	179
Troon (Collenan Reservoir)	M. S. Brodie, Esq.	5	1 0	203	..	39·26	..	..
D Treesbank	Mr. T. Blacklock	5	1 0	150	..	44·27	216	175
D Irvine (Gailes)	H. W. Aitken, Esq.	5	1 0	12	35·9	39·38	209	175
D Cessnock Castle	J. Harling Turner, Esq.	5	1 0	375	..	50·42	209	177
D Newmilns (Lanfine)	G. R. Shield, Esq.	5	1 6	500	..	54·50	232	185
D Kilmarnock (Craig House)	Col. W. Pollock Morris.	5	1 0	70	..	41·72	213	182
d Kilmarnock (The Mount)	J. L. Lawson, Esq.	5	0 9	100	..	46·12	..	185
D Templetonburn	F. C Howie, Esq.	5	1 0	140	..	45·94	220	181
D Darvel (Kirkland Park)	R. P. Boyd, Esq.	5	1 0	350	..	56·97	236	185
Raithhill	W. Dunbar, Esq.	5	1 0	640	..	56·28	..	..
D Kilmarnock (Kay Park)	(+A) W. Dunbar, Esq.	5	4 0	132	..	43·47	220	174
D Kilmarnock (Dean Castle)	J. Middleton, Esq.	5	1 0	190	40·7	45·35	217	185
D Irvine (Cuninghame Home)	J. Gillespie, Esq.	5	1 0	24	..	40·83	220	172
D Kilmarnock (North Craig Res.)	W. Dunbar, Esq.	5	1 0	319	41·2	50·01	224	185
D Montgreenan Gardens	A. Dow, Esq.	5	0 9	180	..	47·22	221	182
Fenwick (Whiteleehill)	W. Dunbar, Esq.	5	1 0	915	..	59·73	..	..
D Fenwick (Hareshawmuir) †	E. Richmond Paton, Esq.	5	1 0	600	48·5	57·77	197	181
Croilburn	W. Dunbar, Esq.	5	1 0	725	..	55·69	..	..
D Fenwick (Amlaird Filters)	W. Dunbar, Esq.	5	1 0	590	43·3	53·82	224	186
Craigendunton Reservoir	W. Dunbar, Esq.	5	1 0	805	46·4	58·10	..	..
Loch Goin Reservoir	W. Dunbar, Esq.	5	1 0	865	49·4	60·33	..	..
D Blair Gardens	W. Dunbar, Esq.	5	1 0	155	..	51·87	214	190
Moor Farm	W. Dunbar, Esq.	5	1 0	810	..	56·51	..	..
D Stewarton Filters	C. M. L. Bodie, Esq.	5	1 6	515	..	52·97	215	190
D Kirkland (Dunlop)	R. Clement, Esq.	5	1 0	400	..	52·04	203	183
D Dalry (Munnoch Reservoir)	W. G. Guild, Esq.	5	1 0	325	47·9	55·05	227	187
D Dalry (Caaf Reservoir)	W. G. Guild, Esq.	5	1 3	515	53·2	59·80	227	190
D Dalry (Birkheadsteel)	W. G. Guild, Esq.	5	1 0	520	..	62·84	227	196
D Dalry W.W. (Filters)	W. Gray, Esq.	5	1 0	320	46·5	59·57	227	189
D Dalry (Templand)	A. Shanks, Esq.	5	1 0	154	..	54·51	219	179
Dalry W.W. (Thirdpart)	W. Gray, Esq.	5	1 0	560	52·0	54·98	..	..
Dalry (Camphill Reservoir)	James Lee, Esq.	5	1 0	611	..	70·13	..	..
D Beith (Filter Station)	W. Gray, Esq..	5	1 0	412	54·5	53·39	218	189
D Kilbirnie (Hole House Filters)	W. Gray, Esq.	5	1 0	377	..	74·04	248	202
M Kilbirnie (Pundeavon Res.)	W. Gray, Esq.	11	1 0	898	..	91·61	..	..
4.—AYR. 222 sq. mi.								
Cumnock Waterworks	W. Dunbar, Esq., C.E..	5	1 0	500	..	45·98	..	..
D Ayr Cemetery	J. Young, Esq., C.E.	5	1 0	40	34·8	34·35	194	157
D Auchincruive	W. Scotland Agric. Coll.	8	1 0	89	..	36·27	210	156
d Catrine	Messrs. J. Findlay & Co.	5	1 0	300	..	44·64	(202)	(163)
D Montgomerie	E. S. Arthur, Esq.	5	1 0	340	..	43·41	212	169
D Muirkirk (Kaimshill)	A. B. Thomson, Esq.	5	1 6	750	43·4	47·62	218	162
D Mauchline (Hillhead Tank)	W. Gray, Esq.	5	1 0	564	..	43·89	198	160
Sorn (Blackside Water Tank)	W. Gray, Esq.	5	1 0	840	..	50·52	..	..

† Station formerly called Hareshaw Lodge.

DIVISION XIV—SOUTH-WESTERN COUNTIES—(*con.*).

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AYR—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—DOON 119 sq. mi.								
d Tunskeen	Galloway Water Power Co.	5	1 0	1010	..	80·93	..	..
Loch Recawr	J. Young, Esq., C.E.	5	1 0	933	..	74·80	..	..
Loch Finlas	J. Young, Esq., C.E.	5	1 0	849	55·1	56·40	..	..
D Dalmellington (Mossdale Filters)	W. Gray, Esq.	5	1 0	764	..	44·18	228	169
D Dunaskin (Ardoon)	Messrs. Bairds & Dalmellington Ld.	5	1 0	686	..	52·65	232	177
d Patna (Kerse Filters)	W. Gray, Esq.	11	1 0	743	44·1	38·10	..	146
D Maybole (Otterden)	Robert Cross, Esq.	5	1 3	314	..	43·73	212	163
D Dalrymple (Knockjarder W.W.)	J. Young, Esq., C.E.	5	1 0	287	..	40·77	202	164
D Ayr (Doonholm)	Col. N. Kennedy, D.S.O.	5	1 0	90	38·8	42·60	217	172
D Alloway (Doonside)	J. Ferrier, Esq.	5	1 5	99	..	42·16	228	170
6.—CULZEAN BAY & C. 32 sq. mi.								
D Turnberry (Hotel)	Resident Manager	5	1 0	30	..	35·20	194	151
D Maybole (Culzean Castle Gdns)	Mr. W. J. Orr	8	1 3	138	36·4	40·65	204	174
7.—GIRVAN. 105 sq. mi.								
D Girvan (Glendoune Gardens)	Mrs. Young, J.P.	5	1 0	100	41·8	39·74	201	166
Loch Bradan	M. S. Brodie, Esq.	11	0 10	990	57·6	57·28	..	..
D Dailly (Capelrig Cottage)	J. Simons, Esq.	5	1 0	120	..	46·94	201	172
8.—STINCHAR & C. 155 sq. mi.								
D Glenapp Castle Gardens	Mr. A. W. Taylor	5	0 7	100	..	44·52	185	168
D Ballantrae (Windyknowe)	Capt. J. M. Borland, C.B.,D.S.O.	5	1 0	62	..	38·28	221	167
D Colmonell (Knockdolian)	A. Ogg for Capt. McConnell	5	1 0	170	44·8	38·46	200	167
D Pinwherry (Alticane)	D. I. W. Gray, Esq.	5	1 0	200	51·4	48·97	219	175
D Girvan (Pinmore)	Major E. C. Maxwell	5	0 5	207	49·8	46·38	228	174
D Barr (Alton Albany)	Lt.-Cdr. G. Hughes-Onslow, D.S.C.	5	1 6	330	..	53·37	229	190
9.—LOCH RYAN. 12 sq. mi.								
10.—LUCE BAY. 15 sq. mi.								
d Ballantrae (Lagafater Lodge)	Cedric R. Boult, Esq.	5	0 11	792	64·8	56·07	..	176
11.—CREE. 40 sq. mi.								
12.—DEE. 9 sq. mi.								
13.—NITH. 62 sq. mi.								
Afton Res. (Afton Water)	W. Gray, Esq.	5	1 0	1525	..	97·08	..	..
Afton Res. (Alwhat Burn)	W. Gray, Esq.	5	1 0	1435	..	91·50	..	..
Afton Res. (Montraw Burn)	W. Gray, Esq.	5	1 0	1554	..	90·00	..	..
Afton Res. (Montraw)	W. Gray, Esq.	5	1 0	1372	..	87·80	..	..
Afton Res. (Green Burn)	W. Gray, Esq.	5	1 0	1415	..	97·60	..	..
D Afton Res. (Filters) (+A)	W. Gray, Esq.	5	1 0	1361	..	88·60	248	206
D Glen Afton (Ayr Sanatorium)	Dr. E. E. Prest	5	1 0	833	53·2	59·35	235	182
D New Cumnock (Power Stn.)	New Cumnock Collieries, Ltd.	5	1 0	764	55·8	47·35	195	161
14.—INSULAR. 1 sq. mi.								
Ailsa Craig	Com'rs. of N. Lighthouses	5	1 0	35	27·0	30·16	170	147
RENFREW. (Area, 241 sq. mi.)								
1.—CLYDE—Right Bank Tributaries. 3 sq. mi.								
2.—CLYDE—Left Bank Tributaries. 194 sq. mi.								
Gorbals Dist.W.W. (Nether Cairn)	J. Cochrane, Esq.	12	0 5	700	*57·2*	53·80	..	..
Gorbals Dist.W.W.(Waulk Glen)	J. Cochrane, Esq.	12	0 5	280	47·2	48·25	..	..
Paisley W. W. (Muirhead)	James Lee, Esq.	5	1 0	482	..	56·22	..	..
Paisley W. W. (Springside)	James Lee, Esq.	5	1 0	532	..	56·22	..	..
Paisley W.W.(Back Thornlymuir)	James Lee, Esq.	12	1 0	646	50·9	56·02	..	..
Paisley W.W. (Stanely)	James Lee, Esq.	5	1 0	190	..	49·28	..	..
D Howwood (Midton House)	A. D. McNab, Esq.	5	1 3	232	..	55·49	190	182
D Pollokshaws (Rouken Glen)	W. Besant, Esq.	5	0 6	156	..	45·62	198	164
D Glasgow (The Linn Park)	W. Besant, Esq.	5	1 0	180	..	39·46	193	170
D Pollokshaws (Pollok House)	Sir J. Stirling Maxwell, Bt.	5	1 0	50	..	39·31	209	165
D Glasgow (Queen's Park)	W. Besant, Esq.	8	0 9	150	36·1	44·72	218	173
D Glasgow (Maxwell Park)	W. Besant, Esq.	5	0 6	69	..	39·44	209	168
D Kilbarchan (Milliken Park)	M. Douglas Anderson, Esq.	5	1 0	80	..	45·26	190	176
D Kilbarchan (Glentyan)	R. H. Hunter, Esq.	5	1 1	300	..	57·16	221	191

DIVISION XIV—SOUTH-WESTERN COUNTIES—(*con.*).

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RENFREW—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—CLYDE—Left Bank Tributaries—(*con.*).								
D PAISLEY (Coats Observatory)	Obs. Com. (J. Woodrow) ..	8	1 0	106	40·7	43·16	204	163
D Houston Manse	Rev. George Muir	5	1 0	103	..	47·04	203	169
§ Shaws W.W. (Duchal Moor) *new g.*	J. MacAlister, Esq. C.E.,...	5	1 0	1150	..	81·40	..	..
§ Shaws W.W. (Creuch Hill) *new g*	.J. MacAlister, Esq., C.E. ..	5	1 0	1350	..	74·40	..	..
Shaws W.W. (Green Water)	J. MacAlister, Esq., C.E....	5	1 0	788	*68·1*	70·80	..	..
D RENFREW (ABBOTSINCH Aerodrome) (+A)	Meteorological Officer	8	1 0	19	37·0	40·30	203	165
D Kilmacolm W.W.	James Grier, Esq.	5	1 0	600	..	70·99	219	181
D Kilmacolm Village	James Grier, Esq.	5	1 0	300	..	62·42	215	178
Bishopton (Dargavel)	Capt. A. Hall-Maxwell	5	1 0	33	..	46·14	..	..
D Shaws W.W. (Gryfe Reservoir)	J. MacAlister, Esq., C.E....	5	1 0	640	*65·1*	67·95	218	183
D Shaws W.W. (Mansfield)	J. MacAlister, Esq., C.E....	5	1 0	573	*64·5*	64·69	218	183
Shaws W.W. (Darndaff Moor)	J. MacAlister, Esq., C.E....	5	1 0	850	*65·7*	64·80	..	..
3.—FIRTH OF CLYDE. 34 sq. mi.								
w Shaws W.W. (Kelly Dam)	J. MacAlister, Esq., C.E. ..	5	1 0	640	63·6	62·00	..	..
Inverkip (Daff Burn Reservoir)	Alex. Duthie, Esq.	8	1 0	506	..	61·02	..	..
w Dougliehill Filters (Pt. Glas. W.W.)	James Murray, Esq., C.E...	8	1 6	550	..	50·78	..	..
w Parkhill Filters (Pt. Glas. W.W.)	.James Murray, Esq., C.E. ..	8	1 6	275	..	47·36	..	..
D§Shaws W.W. (Compens. Res.) *new g*	J. MacAlister, Esq., C.E. ..	5	1 0	600	..	70·13	232	193
D Shaws W.W. (Loch Thom)	J. MacAlister, Esq., C.E....	5	1 0	643	65·4	71·44	233	199
w Shaws W.W. (Shielhill)	J. MacAlister, Esq., C.E....	5	1 0	962	*65·7*	71·60	..	..
D Shaws W.W. (New Yett's Dam)	J. MacAlister, Esq., C.E....	5	1 0	800	*65·0*	64·58	224	190
w Shaws W.W. (Spango Burn)	J. MacAlister, Esq., C.E....	5	1 0	757	*65·1*	67·90	..	..
D Shaws W.W. (Hole Glen)	J. MacAlister, Esq., C.E....	5	1 0	603	*62·2*	64·37	223	189
D GREENOCK (Prospect Hill) (+A)	.J. MacAlister, Esq., C.E. ..	5	1 0	199	61·6	58·77	215	176
D Gourock (Levan Farm)	W. Millar, Esq.	5	1 0	221	..	56·16	234	183
D Gourock (Coves Reservoir)	Alex. Duthie, Esq.	5	1 0	221	..	56·59	206	171
4.—IRVINE. 10 sq. mi.								

DIVISION XV—WEST MIDLAND COUNTIES.

DUMBARTON. (Area, 270 sq. mi.)								
1.—FORTH—Right Bank Tributaries. 10 sq. mi.								
2.—FIRTH OF CLYDE & COWAL. 52 sq. mi.								
D CARDROSS (Kilmahew)	Claud A. Allan, Esq.	5	1 0	130	*44·7*	47·08	209	177
D HELENSBURGH (Valve House)	J. N. Stirling, Esq., C.E. ..	8	1 0	293	53·0	57·76	227	184
D Rosneath Castle Gardens	Mr. J. Dawson	5	1 0	80	*50·7*	55·07	226	181
D Garelochhead (Faslane)	P. J. Macfarlan, Esq.	5	1 3	25	..	68·56	225	189
Garelochhead (Gartnod)	Miss M. J. M. Robertson...	5	1 4	10	..	72·20	..	..
D Garelochhead (Ardarroch Gdns.)	.F. A. Bush, Esq.	5	1 0	100	..	79·91	229	200
D Arrochar (Benreoch Tighness)	Mrs. D. Little	5	1 0	50	..	93·23	241	205
D Arrochar (Braeside)	J. Lindsay, Esq.	5	1 0	40	*74·6*	79·59	248	206
3.—CLYDE—Leven. 149 sq. mi.								
D Renton (Carman Filters)	W. Buchanan, Esq.	8	4 0	292	*47·6*	49·22	210	181
d Loch Lomond Park	W. Besant, Esq.	5	1 0	156	*49·5*	57·44	..	229
Helensburgh (Blairnairn)	.No. 1..J. N. Stirling, Esq., C.E. ..	8	1 0	575	..	71·77	..	..
Helensburgh (Blairnairn)	.No. 2..J. N. Stirling, Esq., C.E. ..	5	1 0	1250	..	70·74	..	..
Helensburgh (Blairnairn)	.No. 3..J. N. Stirling, Esq., C.E. ..	5	1 0	1580	..	70·44	..	..
M Glen Finlas Reservoir	.No. 1..George Beaton, Esq.	5	1 1	782	*69·1*	76·25	..	..
M Glen Finlas Reservoir	.No. 2..George Beaton, Esq.	5	1 6	1194	*67·0*	72·31	..	..
M Glen Finlas Reservoir	.No. 3..George Beaton, Esq.	5	1 5	1627	*75·2*	71·99	..	..
M Glen Finlas Reservoir	.No. 4..George Beaton, Esq.	5	2 0	2040	*73·6*	80·74	..	..
M Glen Finlas Reservoir	.No. 5..George Beaton, Esq.	5	0 10	1635	*64·6*	68·03	..	..
M Glen Finlas Reservoir	.No. 6..George Beaton, Esq.	5	1 0	1172	*62·8*	62·99	..	..
D Glen Finlas Reservoir	.No. 7..George Beaton, Esq.	5	1 6	810	..	84·06?	223	194
4.—CLYDE—Right Bank Tributaries. 59 sq. mi.								
D Drumchapel (Wastdale)	F. C. Thomson, Esq.	5	1 0	49	*38·5*	40·45	215	160
w Bearsden (Glengarnock)	A. Lithgow, Esq.	8	1 0	132	*40·4*	46·02	..	..
Bearsden (Torran Môr)	J. Lewis Ferguson, Esq. ...	5	1 0	224	..	40·34	..	..
D Gartshore Gardens	Mr. Hugh Black	5	1 0	261	..	41·92	218	176
D Milngavie (Dougalston)	Mr. J. Hamilton	5	1 0	150	*43·7*	48·21	198	173
D Duntocher (Cochno Filters)	E. T. Collins, Esq.	5	1 0	400	*43·7*	48·24	195	177

§ Turf wall round gauge.

DIVISION XV—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
DUMBARTON—(*con.*).		*in.*	*in.*	*ft.*	*in.*	*in.*		
4.—CLYDE—Right Bank Tributaries—(*con.*).								
Kilpatrick Hills (Greenside Res.)	E. T. Collins, Esq.	5	1 0	876	*50·8*	53·67	..	..
Kilpatrick Hills (Loch Cochno)	E. T. Collins, Esq.	5	1 0	909	*52·4*	58·55	..	..
Kilpatrick Hills (Jaw Reservoir)	E. T. Collins, Esq.	5	1 0	912	*52·7*	(61·17)	..	..
STIRLING. (Area, 463 sq. mi.)								
1.—FORTH—Right Bank Tributaries. 263 sq. mi.								
D Polmont (Vellore)	R. M. W. Brown, Esq.	5	1 0	320	*36·3*	35·01	176	150
Polmont (Carhowden)	T. B. G. Harvey, Esq.	5	1 0	110	..	34·27	..	..
D Falkirk (Inglewood, Laurieston)	Miss H. S. D. Ballantine	5	1 0	133	*36·6*	36·67	175	154
D Falkirk (Westbank) *Garden*	A. Nimmo, Esq.	5	1 0	75	*37·6*	35·12	184	156
D Falkirk (Westbank) *Lawn*	A. Nimmo, Esq.	5	1 0	105	*36·5*	32·58	183	154
D Falkirk (Arnotdale)	W. Gibson, Esq.	5	1 0	105	*37·4*	34·63	187	153
Falkirk (Kerse)	George Smith, Esq.	8	1 0	18	31·9	31·58	..	..
Falkirk (Kerse) *new g.*	George Smith, Esq.	5	1 0	18	..	32·24	..	..
D Grangemouth (Burgh Stables)	J. C. Wallace, Esq., C.E.	5	1 0	15	*31·8*	32·32	174	131
M Little Denny Reservoir	Stirling & Falkirk W.Bd.	8	1 0	326	*43·1*	43·79	..	..
M Little Denny Filters	Stirling & Falkirk W.Bd.	8	1 0	243	*42·2*	44·12	..	..
M Kilsyth (Faughlin Res.)	Stirling & Falkirk W.Bd.	8	1 0	707	*55·2*	61·01	..	..
Denny (Buckieburn Reservoir	Stirling & Falkirk W.Bd.	8	1 0	825	*45·9*	54·68	..	..
Denny (Buckieburn Filters)	Stirling & Falkirk W.Bd.	8	1 0	760	*43·3*	43·71	..	..
M Earlsburn Reservoir	Stirling & Falkirk W.Bd.	8	1 0	1202	*58·0*	60·96	..	..
D Stirling (North Third Res.)	J. C. Wallace, Esq., C.E.	8	0 10	574	*44·8*	50·31	212	168
D Stirling (Touch Res.) .... No. 3	D. B. Marrs, Esq.	8	1 0	759	*47·7*	52·72	212	165
D Stirling (Touch Res.) .... No. 2	D. B. Marrs, Esq.	8	1 0	707	*47·1*	49·54	212	165
D Stirling (Touch Res.) .... No. 1	D. B. Marrs, Esq.	8	1 0	455	*47·6*	51·78	212	165
d Polmaise Castle Gardens	Mr. J. McAndie	5	1 1	220	..	43·85	..	148
w Touch Gardens	Mr. T. Davidson	5	1 0	90	..	47·15	..	..
Endrick Lodge	W. M. Wallace, Esq.	5	1 0	136	..	40·70	..	..
D STIRLING (Sauchie House)	The Town Council (J. Fyfe)	5	1 0	151	*36·5*	36·53	184	149
D Stirling (Craigforth)	A. J. Couper, Esq.	5	1 0	32	*39·1*	39·19	236	152
D Gargunnock House	C. Stirling, Esq.	5	1 0	85	*43·4*	46·54	204	163
D Kippen (Arngomery)	Mr. A. Leitch	5	4 6	150	*47·5*	45·82	219	159
Meiklewood	J. McNaughton, Esq.	5	1 0	35	..	42·33	..	..
Duchray Valley (Ben Lomond)	J. Cochrane, Esq.	8	0 6	1500	*88·0*	86·45	..	..
Duchray Valley (Glen Dhu)	J. Cochrane, Esq.	8	1 0	500	*83·8*	83·65	..	..
Duchray Valley (Comer)	J. Cochrane, Esq.	8	1 0	600	*88·0*	88·50	..	..
Duchray Valley (Achaidh Burn)	J. Cochrane, Esq.	8	1 0	1200	*97·4*	97·20	..	..
Duchray Val. (Hd. of Main Stream)	J. Cochrane, Esq.	8	1 0	950	*92·8*	88·35	..	..
2.—FORTH—Teith. 5 sq. mi.								
d Stronachlachar (Invergyle)	J. Cochrane, Esq.	8	1 0	376	*82·4*	81·40	..	203
3.—FORTH—Left Bank Tributaries. 15 sq. mi.								
D Bridge of Allan (The Lea)	Mr. W. Watt	5	0 8	100	*35·9*	33·05	209	149
D Bridge of Allan (Langlands)	W. H. Gillespie, Esq.	5	1 0	45	..	34·58	187	143
4.—CLYDE—Leven. 128 sq. mi.								
Strathblane (Blanefield)	J. Cochrane, Esq.	8	1 0	250	*50·5*	54·15	..	..
D Killearn (Burnbrae)	G. Gray, Esq.	5	1 0	320	..	48·91	183	168
Loch Arklet (Corriehichon)	J. Cochrane, Esq.	8	0 6	870	*89·3*	78·80	..	..
Loch Arklet (Corriearklet)	J. Cochrane, Esq.	8	0 6	950	*90·2*	81·70	..	..
5.—CLYDE—Right Bank Tributaries. 52 sq. mi.								
Strathblane (Mugdock Res.)	J. Cochrane, Esq.	8	0 6	320	46·2	52·10	..	..
D Milngavie (Eastertoun)	Major R. M. Ker	5	1 0	450	*45·0*	51·65	205	176
Kilpatrick H. (Burncrooks Res.)	E. T. Collins, Esq.	5	1 0	835	*49·5*	53·41	..	..
d Kilsyth (Queenzieburn)	W. Scott, Esq.	5	1 0	175	..	45·22	..	..
D Kilsyth (Innsbridge)	J. Milne, Esq.	5	4 6	197	*47·3*	47·85	215	166
D Lennoxtown	W. R. Patterson, Esq.	5	1 0	200	..	57·37	203	175

DIVISION XV—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
BUTE. (Area, 218 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—ISLE OF BUTE. 50 sq. mi.								
D ROTHESAY (Ardencraig)	R. Finlay & the Town Clerk.	5	1 0	200	49·0	53·52	223	189
D Port Bannatyne (Ettrickdale)	Mrs. Gray Buchanan	5	0 10	160	..	57·04	213	193
2.—CUMBRAES. 4 sq. mi.								
D Millport (St. Andrew's Home)	Dr. J. H. Paul	5	0 9	12	..	46·91	207	182
D Millport (Marine Biog. Stat.)	R. Elmhirst, Esq.	5	1 0	16	..	46·51	216	177
Millport (Water Works)	J. Dymock, Esq.	10	3 6	167	..	40·56	..	..
3—ARRAN. 164 sq. mi.								
Holy Island (Pillar Rock)	Com'rs. of N. Lighthouses..	5	0 11	68	48·6	49·11	200	162
D Dougarie Lodge	David Reside, Esq.	5	1 2	10	46·0	44·19	219	181
ARGYLL. (Area, 3,181 sq. mi.)								
1.—TAY—Tummel. 36 sq. mi.								
2.—SOUND OF ARISAIG, SOUND OF MULL & C. 317 sq. mi.								
D Morvern (ARDTORNISH)	A. Cameron for O. H. Smith, Esq.	5	1 0	48	*93·3*	80·87	236	220
D Morvern (Drimnin)	Mrs. Gordon	5	1 0	225	*62·7*	61·85	269	204
d Loch Sunart (Glenborrodale)	A. M. Fletcher, Esq.	5	1 0	30	69·0	76·42	..	211
D Acharacle (Shielbridge)	A. M. Fletcher, Esq.	8	3 0	51	*68·2*	68·69	238	230
d Loch Shiel (Polloch House)	Forestry Commission	5	1 8	32	*83·5*	87·90	..	234
3.—LOCH LINNHE—Right Bank Tributaries. 139 sq. mi.								
D Morvern (Kingairloch)	Mrs. G. H. Strutt	5	1 0	40	*98·2*	104·36	225	205
Corran Lighthouse	Com'rs. of N. Lighthouses...	5	1 0	13	81·0	89·51	..	191
D Ardgour House	Mrs. Maclean of Ardgour ..	5	0 10	60	*90·0*	109·37	258	219
4.—LOCH LINNHE.—Left Bank Tributaries. 165 sq. mi.								
D Barcaldine	Forestry Commission	5	1 0	50	65·9	68·20	214	190
D Duror (Achara)	W. D. Stewart, Esq.	5	1 2	45	70·7	57·85	230	193
D Glencoe Gardens	Mr. J. B. Crichton	8	1 0	85	..	88·69	230	199
Glenleven (Blackwater House). 4..	British Aluminium Co. Ltd..	8	1 0	1069	80·8	101·70	..	..
D Glenleven (Blackwater Dam, S.) 2(+A)	British Aluminium Co. Ltd.	8	1 0	1072	84·0	105·96	259	216
D Glenleven (Kinlochleven) .....1..	British Aluminium Co. Ltd..	8	1 0	140	86·4	100·31	235	208
5.—LOCH ETIVE. 197 sq. mi.								
D Glen Etive	W. D. Fordyce, Esq.	..	1 0	200	94·0	110·48	223	200
6.—LOCH ETIVE—Loch Awe. 319 sq. mi.								
d Taynuilt (Inverawe)	late Major Ian Bullough, M.C.	5	1 0	70	..	80·77	..	..
7.—FIRTH OF LORNE. 112 sq. mi.								
D Kilmelfort (Arduaine)	Mrs. Campbell of Arduaine .	5	0 9	23	*57·6*	71·75	206	194
D Kilmelfort (Ardmaddy C.)	Rt. Hon. The Earl of Breadalbane	5	1 0	70	..	75·51	220	200
w Oban (Gleann-a-Bhearraidh Res.)	D. Galloway, Esq.	8	1 6	400	*57·5*	64·64	..	..
D OBAN	D. Galloway, Esq.	8	1 0	229	..	53·18	225	194
8.—SOUND OF JURA. 163 sq. mi.								
D Lochgilphead (Poltalloch)	Mr. D. S. Melville	5	1 6	135	52·7	66·38	208	206
9.—KINTYRE, WEST. 146 sq. mi.								
Mull of Kintyre	Com'r. of N. Lighthouses...	5	1 0	270	41·1	36·50	219	183
D Largie Castle	Mrs. Moreton Macdonald...	5	1 1	160	*48·4*	56·00	247	201
10.—KINTYRE, EAST. 177 sq. mi.								
Campbeltown (South Park)	J. A. Gardiner, Esq.	8	0 10	20	*50·6*	57·39	228	196
D Carradale (Torrisdale Castle)	Major W. Macalister Hall...	5	1 0	84	*62·6*	75·59	230	205
D Skipness Castle	R. F. Graham, Esq.	5	1 2	14	..	54·59	201	190
11.—LOCH FYNE. 264 sq. mi.								
D Ardlamont (Kilbride)	J. W. Turnbull, Esq.	5	1 0	110	*49·0*	52·98	195	169
Otter Ferry (Ballimore)	Lt.-Col. J. MacRae-Gilstrap.	5	0 10	70	*52·1*	57·58	..	..
D Ardrishaig (Canal Office)	E. A. Bly, Esq., C.E.	5	1 0	48	*67·9*	75·28	227	212
D Crarae Lodge	Capt. G. I. Campbell	5	1 0	20	*68·2*	83·75	231	204

DIVISION XV—WEST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935: Rainfall.	1935: Days with ·01 in. or more.	1935: Days with ·04 in. or more.
ARGYLL—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
11.—LOCH FYNE.—(*con.*)								
D Strachur Park	Lady G. Campbell	5	1 8	25	*66·7*	84·11	241	210
D Brenchoillie	A. R. Page, Esq.	5	1 0	240	..	86·33	222	199
D Inveraray Castle Gardens	A. R. Page, Esq.	5	1 0	40	77·2	100·88	232	206
D Ardkinglas	J. R. Taylor, Esq.	8	1 6	37	*70·8*	80·98	243	202
12.—FIRTH OF CLYDE & COWAL. 242 sq. mi.								
D Toward (Knockdow Gardens)	Sir Norman Lamont, Bt.	5	1 6	101	*59·7*	63·13	223	197
D Toward (Inverchaolain)	Sir Norman Lamont, Bt.	5	1 0	..	*67·9*	73·01	234	199
D Ardnadam (Hafton Ho.)	A.P. N. Aitken, Esq.	5	1 0	85	*76·5*	79·31	217	188
D Dunoon (Ben More Forest Sch.)	Forestry Commission	5	1 0	46	..	90·66	246	206
D Loch Eck (Ben More)	H. G. Younger, Esq.	5	1 3	40	*86·6*	92·91	245	206
D Strachur (Glenbranter)	Forestry Commission	5	1 0	188	*88·2*	97·03	203	195
D Lochgoilhead (Ardgoil)	W. Besant, Esq.	5	0 6	20	*86·3*	94·36	237	203
d Lochgoilhead (Nuthill)	Mrs. Henderson	5	1 0	15	*74·8*	77·07	..	..
D Glencroe (Guithas Cottage)	J. M. Reid, Esq.	5	1 2	120	*101·0*	104·24	238	217
13.—CLYDE—Leven. 4 sq. mi.								
14.—INSULAR. 900 sq. mi.								
Sanda Lighthouse	Com'rs. of N. Lighthouses.	5	2 9	134	*36·8*	36·97	..	158
Islay (Rhinns)	Com'rs. of N. Lighthouses.	7	3 6	74	..	35·10	211	166
Islay (Lochindaul)	Com'rs. of N. Lighthouses.	5	0 7	45	44·0	46·40	..	..
Islay (McArthur's Head)	Com'rs. of N. Lighthouses.	5	0 6	173	58·4	74·04	222	197
D Islay (Eallabus) *old g*	J. MacKillop, Esq.	5	1 0	68	48·9	56·26	224	201
d Islay (Dunlossit)	Mrs. N. M. Dunlop	5	1 0	100	55·0	66·23	..	192
Islay (Rhuvaal)	Com'rs. of N. Lighthouses.	5	1 0	69	42·0	49·82	231	200
D Jura (Ardfin)	C. G. Campbell, Esq.	5	1 0	160	*53·8*	60·28	243	203
D Jura (Tarbert)	Lord Astor	5	1 0	30	..	53·32	204	185
D Jura (Ardlussa)	W. Hargreaves Brown, Esq.	5	0 9	100	..	63·97	235	196
D Colonsay	Lord Strathcona	5	1 0	87	..	56·06	257	210
d Seil (Easdale)	Col. Hon. A. C. Murray, C.M.G., D.S.O.	5	1 6	30	..	61·60	..	..
Lismore (Mousedale)	Com'rs. of N. Lighthouses.	7	3 10	38	43·7	49·97	207	182
D Mull (Bunessan)	D. Macdonald, Esq.	5	1 0	50	51·6	53·33	193	185
D Mull (Auchnacraig)	G. W. Duncan, Esq.	8	1 0	50	..	88·15	203	199
D Mull (Ulva)	F. W. Clark, Esq.	5	1 0	30	64·8	68·07	243	218
d Mull (Salen)	J. Cameron, Esq.	5	1 3	50	..	80·70	..	195
D Mull (Gruline)	J. W. Melles, Esq.	8	1 0	100	79·0	79·04	266	224
Mull, Sound of	Com'rs. of N. Lighthouses.		..	..	61·5	65·46	235	208
D Tiree (+A)	J. R. Morrison, M.A., B.Sc. (M.O.)	8	1 0	22	44·7	45·77	238	188
d Coll (Breachacha Castle Gdn.)	Br.-Gen. E. M. P. Stewart of Coll	5	1 1	30	..	46·86	..	..

DIVISION XVI—EAST MIDLAND COUNTIES.

CLACKMANNAN. (Area 55 sq. mi.)

1.—FORTH, LOWER—Left Bank Tributaries. 55 sq. mi.								
D Alloa House Gardens	Earl of Mar & Kellie, K.T.	5	3 0	40	*34·3*	34·91	216	149
D Tillicoultry (Westbourne)	Mrs. Willison	5	1 0	66	*37·0*	35·56	188	142
M Glendevon (Broich Burn) No.2	H. F. Hodge, Esq., C.E.	8	1 0	1333	*76·5*	71·81	..	..
M§Glendevon (Burnfoot Hill) No. 8	H. F. Hodge, Esq., C.E.	8	1 0	1721	*49·2*	61·05	..	..
M Glendevon (Backhill) No. 9	H. F. Hodge, Esq., C.E.	8	1 0	1067	*58·7*	61·08	..	..
D Glendevon (Backhill)	H. F. Hodge, Esq., C.E.	8	1 0	1067	*60·5*	61·51	216	177

KINROSS. (Area, 87 sq. mi.)

1.—FORTH, LOWER—Left Bank Tributaries. 15 sq. mi.								
2.—LEVEN & C. 67 sq. mi.								
D Loch Leven Sluice	Mr. J. Thomson	8	0 9	360	35·8	33·94	167	133
D Loch Leven Sluice *new g*	Mr. J. Thomson	5	1 0	360	..	36·44	167	137
D Milnathort (Laurel Bank)	Capt. L. Kininmonth	5	1 0	398	*36·0*	35·06	181	145
D Earnieside	W. Phillips, Esq.	8	1 0	900	..	46·27	173	139
D Milnathort (Ledlanet)	Sir James C. Calder, K.B.E.	5	1 0	700	*44·4*	45·58	195	153
D Milnathort (Ochil Hills San.)	The Medical Superintendent	5	1 0	800	..	46·56	198	163

§ Gauge over-exposed.

DIVISION XVI—EAST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
KINROSS—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—EDEN. 2 sq. mi.								
4.—TAY—Earn. 3 sq. mi.								
FIFE. (Area, 505 sq. mi.)								
1.—FORTH, LOWER—Left Bank Tributaries. 68 sq. mi.								
D DUNFERMLINE	The Carnegie Dunfermline Trust	5	1 0	237	..	29·29	177	127
d Kincardine (Tulliallan)	T. S. Craig, Esq.	5	1 0	80	..	30·07	..	127
Carnock (Craigluscar Res.)	D. H. Shaw, Esq., C.E.	12	0 4	480	36·1	34·15	..	..
2.—LEVEN & C. 208 sq. mi.								
d Dunfermline (Fordell House)	Countess of Buckinghamshire	5	1 9	250	32·0	31·29	..	127
d Burntisland (Cullaloe Res.)	J. A. Waddell, Esq.	5	1 0	294	..	29·59	..	154
D KIRKCALDY (William Street) †	The Town Council (J. Page)	5	1 0	63	30·0	27·86	197	131
D Cowdenbeath (Sewage Wks.)	C. A. Alexander, Esq.	5	1 0	390	..	36·13	184	134
Cleish Hills (Craiggaveral)	C. A. Alexander, Esq.	5	1 0	760	41·0	39·14	..	..
Cleish Hills (Roscobie Res.)	C. A. Alexander, Esq.	5	1 0	660	39·6	38·18	..	..
D Kirkcaldy (Carberry)	R. Ritchie, Esq.	5	1 0	326	..	28·09	185	126
Cleish Hills (Blairadam)	C. A. Alexander, Esq.	5	1 0	670	35·8	36·77	..	..
Cleish Hills (Lochglow Res..)	C. A. Alexander, Esq.	5	1 0	900	39·3	38·05	..	..
D Leslie (Lothrie Reservoir)	R. Ritchie, Esq.	5	1 0	700	36·7	36·82	205	146
D Colinsburgh (Cairnie House)	Maj. R.A. Anstruther, D.S.O.	5	3 6	125	28·8	25·28	181	124
D Colinsburgh (Balcarres)	Mr. W. Adams	5	1 0	300	..	28·69	181	136
D Carnbee (Ovenstone W.W.)	C. Birrell, Esq.	5	1 0	168	..	28·93	187	132
Crail (Anchorage) ‡	J. Duncan, Esq.	5	1 0	100	..	31·00	..	..
3.—EDEN & C. 205 sq. mi.								
D Cupar (Clatto Reservoir)	Jas. M. Alexander, Esq.	5	1 0	505	30·1	33·38	231	137
D Cameron Waterworks	W. Watson, Esq., C.E.	5	1 0	478	29·9	32·85	199	147
D Cupar (Pitlair)	Mr. P. Webster	5	1 0	126	29·5	29·68	181	132
D Cupar (Rankeillour)	Mr. R. Tunstall	5	1 0	240	28·7	30·18	162	129
D CUPAR (The Asylum)	The Medical Superintendent	5	1 0	210	27·7	28·75	185	136
D Kingsbarns	Miss M. R. Nimmo	5	1 0	35	..	24·93	175	120
D Cupar (Over Rankeillour)	H. Giles Walker, Esq.	5	1 0	200	28·7	26·70	178	122
D St. Andrews (Waterworks)	W. Watson, Esq., C.E.	5	1 0	217	27·3	27·76	167	126
D ST. ANDREWS	W. Watson, Esq., C.E.	5	1 0	13	27·1	25·79	184	124
D LEUCHARS (Aerodrome) (+A)	The Meteorological Officer	8	1 0	30	25·7	25·21	168	124
4.—FIRTH OF TAY. 25 sq. mi.								
D Newport (Tayfield)	W. Berry, Esq.	5	0 7	100	28·3	29·58	188	141
D Newport (Seabank)	J. Grant Bruce, Esq.	5	4 6	15	27·5	27·00	181	119
D TAYLORT (Lgtse.) Dundee H. Trust.	(J. H. Thomson, M.Sc.)	5	1 0	27	26·3	28·42	187	132
5.—TAY—Earn. 1 sq. mi.								
6.—INSULAR.								
D INCHKEITH (Lighthouse)	Lightkeeper (M.O.)	8	1 0	190	21·8	21·70	167	115
Isle of May	Com'rs. of N. Lighthouses	5	4 0	180	..	21·70	..	..
PERTH. (Area, 2535 sq. mi.)								
1.—FORTH—Right Bank Tributaries. 17 sq. mi.								
D Gartmore House Gardens	Mr. H. B. Matheson	5	1 0	160	*56·0*	55·83	215	173
d Loch Dhu	J. Cochrane, Esq.	8	0 6	325	79·8	78·70	..	196

† Moved from Munro Street in February, 1934. ‡ Formerly called Kirkmay (Crail).

DIVISION XVI—EAST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
PERTH—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—FORTH, UPPER—Left Bank Tributaries. 84 sq. mi.								
Ledard	J. Cochrane, Esq.	8	0 6	1500	*61·2*	67·49	..	..
3.—FORTH—Teith. 221 sq. mi.								
Ochtertyre (Stirling)	Lt.-Co. J. C. Dundas, D.S.O.	5	1 0	14	..	39·16	..	..
Loch Drunkie	J. Cochrane, Esq.	8	1 0	420	*62·1*	66·15	..	..
D Invertrossachs	Sir James R. Wilson, Bt.	5	1 0	380	*58·7*	59·90	219	186
Ben Venue (Glasahoile)	J. Cochrane, Esq.	8	1 0	1150	*80·4*	78·55	..	..
D Loch Vennachar	J. Cochrane, Esq.	5	1 0	275	*55·3*	58·12	212	176
D Bridge of Turk	J. Cochrane, Esq.	5	1 0	275	*63·5*	57·44	213	176
Loch Katrine (Tunnel Hill Top)	J. Cochrane, Esq.	8	0 6	830	*81·4*	86·65	..	..
Ben Ledi	J. Cochrane, Esq.	8	1 0	1400	*66·6*	67·35	..	..
Achnahard	J. Cochrane, Esq.	8	1 0	474	*65·5*	65·60	..	..
Callander (Leny House)	Capt. M. Murray Buchanan.	5	1 0	340	*56·3*	53·05	..	..
W Strone Bridge	J. Cochrane, Esq.	8	1 0	380	*72·4*	70·00	..	..
Glen Meann	J. Cochrane, Esq.	8	1 0	800	*77·2*	76·30	..	..
Glen Finlas	J. Cochrane, Esq.	8	1 0	1200	*79·0*	77·30	..	..
d Glengyle	J. Cochrane, Esq.	8	0 6	380	89·9	92·45	..	228
Upper Glengyle	J. Cochrane, Esq.	8	1 0	750	*95·6*	98·70	..	..
Allt a' Choin	J. Cochrane, Esq.	8	1 0	1250	*89·6*	89·35	..	..
W Balquhidder (Blaircreach)	J. M. Fergusson, Esq.	5	1 0	460	*94·7*	98·20	..	..
4.—FORTH, LOWER—Left Bank Tributaries. 107 sq. mi.								
d Dunblane	W. L. Gibson, Esq.	5	1 0	250	*37·3*	43·14	..	..
D Glendevon (Glenquey Res.) No. 2.	H. F. Hodge, Esq., C.E.	8	1 0	945	*54·7*	57·31	199	168
D Glendevon (Frandy)	H. F. Hodge, Esq., C.E.	8	1 0	911	*60·4*	60·77	222	174
Glendevon (Glensherup)	D. H. Shaw, Esq., C.E.	12	0 4	945	*59·8*	60·64	..	..
M Glendevon (Bald Hill) No. 1.	H. F. Hodge, Esq., C.E.	8	1 0	1202	*56·5*	57·90	..	..
M Glendevon (Wether Hill) No. 10.	H. F. Hodge, Esq., C.E.	8	1 0	1408	*48·8*	51·75	..	..
5.—LEVEN. 1 sq. mi.								
6.—EDEN. 4 sq. mi.								
7.—TAY—Earn. 376 sq. mi.								
D Gleneagles (Lochside)	B. Chinnery-Haldane, Esq.	8	1 0	447	*45·3*	42·97	209	165
d Gleneagles House *new g*	B. Chinnery-Haldane, Esq.	5	1 0	400	..	46·43	..	153
Upper Farg (Plains)	H. F. Hodge, Esq., C.E.	8	1 0	900	*35·9*	39·96	..	..
D Upper Farg (Main Bank)	H. F. Hodge, Esq., C.E.	5	1 0	642	*31·3*	35·15	200	134
D Dunning (Kippen House)	Lady Wilson	5	1 4	450	*43·1*	46·17	200	146
D Abernethy (Glenfarg House)	Norman I. Nasmyth, Esq.	5	0 10	120	..	35·10	183	159
d Glenfarg (Fordel)	Maj.-Gen. A. H. Marindin, C.B., D.S.O.	5	1 0	700	..	36·67	..	134
D Bridge of Earn (Ballendrick)	G. M. Taylor, Esq.	5	1 0	50	*32·6*	32·40	186	148
D Forgandenny (Horselea)	D. W. Guthrie, Esq.	5	0 9	..	..	31·79	191	144
D Lochearnhead (Ardloch)	S. Moir, Esq.	5	1 0	370	*64·3*	58·41	227	180
D Lochearnhead (Edinchip)	Sir Malcolm MacGregor, Bt.	5	1 0	513	*70·3*	67·66	224	186
D Crieff (Strathearn Hydro)	G. Reid for Dr. G. Meikle.	5	1 0	478	40·9	38·68	195	152
8.—TAY—Almond & c. 149 sq. mi.								
D Perth (Wellshill Cemetery)	The Town Council (J. Ritchie)	5	1 0	76	30·8	29·58	182	140
D Glen Almond (Auchnafree)	Major J. A. C. Whitaker.	5	1 0	1015	*62·0*	65·91	191	152
9.—TAY—Strathtay below Dunkeld. 33 sq. mi.								
D Murthly (Douglasfield)	W. A. Rae, Esq.	5	1 0	237	*34·9*	34·55	189	145
D Dunkeld (Snaigow)	W. H. Cox, Esq.	5	1 0	370	*35·0*	33·97	217	158
D Dunkeld (Kincairney Lodge)	Mrs. Richmond	8	1 0	400	..	31·19	237	173

DIVISION XVI—EAST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
PERTH—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
10.—TAY—Bran. 81 sq. mi.								
D Strath Bran (Glenquaich Lodge)	W. H. Cox, Esq.	5	1 0	900	*55·0*	50·05	202	165
11.—TAY—Strathtay above Dunkeld. 95 sq. mi.								
D Aberfeldy (Am Bothan)	A. Macpherson, Esq.	5	1 0	350	..	42·90	213	155
D Aberfeldy (Dall Avon)	Dr. N. D. Mackay	5	1 0	320	*38·7*	42·93	212	155
D Aberfeldy (Grandtully Cas. Gns.)	Mr. J. Collie	5	0 11	383	..	39·68	207	157
D Grandtully	A. R. Macnaughton, Esq.	5	1 0	233	*36·1*	36·05	207	149
12.—TAY—Loch Tay. 241 sq. mi.								
D Tyndrum Manse	Rev. Farquhar MacRae	5	1 0	750	..	99·00	244	206
D Killin (Auchmore Gardens)	Mr. A. McCormick	5	1 0	380	*56·8*	61·72	199	174
13.—TAY—Lyon. 142 sq. mi.								
d Glenlyon (Meggernie Castle)	Sir E. S. Wills, Bt.	5	1 0	700	*61·0*	63·48	..	156
w Fortingall (Glenlyon House)	Mr. J. W. Ford	5	1 0	425	*45·5*	50·76	..	..
14.—TAY—Tummel. 587 sq. mi.								
D Loch Rannoch (Dall)	Mr. D. Robertson, Jun.	5	1 0	722	43·2	47·64	234	179
d Loch Rannoch (Station)	Messrs. Balfour Beatty & Co.	5	1 0	1007	62·5	70·38	..	165
D Pitlochry (Dunfallandy)	D. Stewart-Fergusson, Esq.	5	1 6	410	32·9	39·11	201	175
D Loch Rannoch (Power House)	Messrs. Balfour Beatty & Co.	5	1 0	675	43·6	46·55	198	172
D Fincastle House	Dr. G. F. Barbour	5	1 0	980	33·9	33·16	189	128
d Ericht Dam	Messrs. Balfour Beatty & Co.	5	1 0	1106	52·0	62·38	..	..
w Dalnaspidal (Duinish)	Messrs. Balfour Beatty & Co.	5	1 0	1500	..	(57·50)	..	..
D Struan (Auchleeks)	Miss Robertson	5	1 0	710	43·9	50·69	188	177
D Blair Atholl (Blair Castle Gdns.)	Mr. J. Dickson	5	1 0	500	33·1	36·36	234	160
w Monaidh (Coirevakie)	Messrs. Balfour Beatty & Co.	5	1 0	1700	..	(68·44)	..	..
w Dalnaspidal (Luidhearnaidh)	Messrs. Balfour Beatty & Co.	5	1 0	2200	..	(70·95)	..	..
15.—TAY—Isla. 282 sq. mi.								
D Blairgowrie (Kinloch Manse)	Rev. T. Milne	5	1 0	280	*29·6*	28·69	169	129
D Dunkeld (Cardney)	A. R. Macgregor, Esq.	5	1 0	350	*36·7*	40·42	205	165
D Kirkmichael (Ballintuim Ho.)	Miss M. A. Macdonald	5	1 4	700	*37·8*	37·73	242	163
d Kirkmichael (School)	W. Muckersie, Esq.	5	1 0	700	..	36·00	..	..
16.—TAY—Left Bank Tributaries. 51 sq. mi.								
Pitfour Castle	Miss D. Cairns	..	..	..	*29·0*	28·29	168	136
D Kinfauns (Balthayock)	R. Wylie Hill, Esq.	5	4 6	323	*32·0*	31·76	182	136
17.—FIRTH OF TAY. 45 sq. mi.								
Errol (Annat Cottage)	W. Kimm, Esq.	5	4 0	200	*27·5*	30·04	..	..
18.—SPEY—Right Bank Tributaries. 1 sq. mi.								
19.—LOCH LINNHE.—Left Bank Tributaries. 2 sq. mi.								
20.—CLYDE—Leven. 36 sq. mi.								

DIVISION XVI—EAST MIDLAND COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
ANGUS (Area, 875 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—TAY—Isla. 211 sq. mi.								
D KETTINS School	W. B. Ogilvie, Esq.,	5	1 0	218	32·0	29·75	190	134
d Newtyle	C. W. Wheeler, Esq.	5	1 0	295	..	30·07	..	..
D Glamis Castle	Mr. D. McInnes	5	0 7	250	30·9	33·51	164	137
D Forfar (Yeaman Street)	W. P. Welsh, Esq.	5	1 6	226	..	30·00	179	145
D Kirriemuir (Lintrathen)....(+A)	G. Baxter, Esq., C.E.	8	1 0	700	34·7	35·07	213	151
M Kirriemuir (Balnakeilly)	G. Baxter, Esq., C.E.	5	1 0	700	34·1	35·80	..	..
M Kirriemuir (Dykends)	G. Baxter, Esq., C.E.	5	1 0	750	..	38·00	..	..
M Kirriemuir (Creich Hill, N.)	G. Baxter, Esq., C.E.	5	1 0	1491	40·5	39·66	..	..
M Kirriemuir (Backwater)	G. Baxter, Esq., C.E.	5	1 0	850	..	41·37	..	..
M Kirriemuir (Westerton)	G. Baxter, Esq., C.E.	5	1 0	900	..	43·28	..	..
M Kirriemuir (Macritch)	G. Baxter, Esq., C.E.	5	1 0	1300	..	40·10	..	..
M Kirriemuir (Newton)	G. Baxter, Esq., C.E.	5	1 0	735	..	38·80	..	..
M Kirriemuir (Longdrum)	G. Baxter, Esq., C.E.	5	1 0	1045	39·3	44·90	..	..
M Kirriemuir (Glendye)	G. Baxter, Esq., C.E.	6	1 0	1050	..	46·90	..	..
M Kirriemuir (Barney)	G. Baxter, Esq., C.E.	5	1 0	1130	40·2	43·87	..	..
M Kirriemuir (Glenhead)	G. Baxter, Esq., C.E.	5	1 0	1340	..	43·40	..	..
M Kirriemuir (Dalvanie)	G. Baxter, Esq., C.E.	5	1 0	1020	..	46·00	..	..
M Kirriemuir (Glen Damff)	G. Baxter, Esq., C.E.	5	1 0	1360	..	46·15	..	..
2.—FIRTH OF TAY. 80 sq. mi.								
D CARNOUSTIE (BUDDON NESS LT.)	Dundee Harbour Trust (J. H. Thomson, M.Sc.)	5	0 9	10	26·4	25·67	194	125
D DUNDEE HARBOUR	Dundee H. Trust (J. H. Thomson, M.Sc.)	5	0 11	14	27·4	25·42	178	114
D Dundee (Stobsmuir Res.)	G. Baxter, Esq., C.E	5	1 0	278	..	29·68	167	120
d Dundee (Camperdown Works)	Messrs. Cox Bros., Ltd.	5	1 0	300	26·8	30·17	..	..
D Balruddery	H. S. Sharp, Esq.	5	1 0	266	29·8	33·41	192	137
D DUNDEE (MAYFIELD)	The Director of Studies	8	1 0	147	26·2	29·09	188	131
3.—SOUTH ESK & C. 371 sq. mi.								
D CARNOUSTIE	Burgh Surveyor	8	1 0	39	27·2	25·15	181	122
D Monikie Reservoir	G. Baxter, Esq., C.E.	5	1 0	494	34·7	33·68	191	138
D Monikie (Crombie Reservoir)	G. Baxter, Esq., C.E.	5	1 0	528	35·2	37·30	203	145
M Monikie (Fallaws)	G. Baxter, Esq., C.E.	8	3 0	585	33·2	35·80	..	..
D Arbroath (Hill Terrace)	J. C. Dewar, Esq.	5	1 0	50	..	28·01	177	124
D ARBROATH (W. Cemetery)	The Town Council (J. W. Robertson)	5	1 0	93	25·6	26·77	163	116
W Arbroath (Muirheads Res.)	T. A. Hogg, Esq.	5	1 0	251	28·1	32·34	..	..
Forfar (Pitscandly House)	J. T. Ewen, Esq.	5	1 8	300	..	31·10	..	..
D MONTROSE	D. Maxwell, Esq.	5	1 0	16	..	27·76	165	119
D Montrose (West End Park)	D. Maxwell, Esq.	5	1 0	19	..	30·66	174	134
D Brechin (Argyll Street)	J. Hutton, Esq.	5	1 0	225	34·1	35·37	183	141
D Forfar W. W. (Den of Ogil)	Alex. C. Miller, Esq.,	12x4	3 1	633	..	41·40	183	147
D Glenogil Waterworks	T. A. Hogg, Esq.	5	1 0	770	40·9	43·27	179	152
d Glen Prosen (Pearsie House)	G. M. Wedderburn, Esq.	5	1 0	600	39·1	(39·11)	..	..
M Glen Prosen (Cormuir)	G. Baxter, Esq., C.E.	5	1 0	870	..	47·20	..	..
D Glen Prosen (Balnaboth Gdns.)	J. F. Hardie, Esq.	5	1 0	575	..	39·90	169	151
4.—NORTH ESK & C. 213 sq. mi.								
D MONTROSE (SUNNYSIDE ASYLUM)	The Medical Superintendent	5	1 0	200	27·0	32·56	172	131
Brechin (Stracathro Gardens)	Mr. A. Dunlop	5	1 0	200	30·5	35·30	..	..

DIVISION XVII—NORTH-EASTERN COUNTIES.

KINCARDINE. (Area, 382 sq. mi.)								
1.—NORTH ESK & C. 99 sq. mi.								
D Marykirk (Balmakewan)	W. Low, Esq., B.Sc.	5	1 1	120	30·3	35·71	189	144
D Marykirk (BALMAKEWAN), No. 2	W. Low, Esq., B.Sc.	5	1 0	80	30·2	35·45	179	141
D Laurencekirk (Johnston Lodge)	R. B. Pearson, Esq.	5	1 0	400	33·1	40·09	187	146
D Fettercairn (Fasque)	Sir J. E. Gladstone, Bt.	5	0 10	320	36·0	41·06	216	152
D Fordoun (Auchenblae)	D. N. Collie, Esq.	5	1 0	325	..	39·30	201	144
2.—BERVIE, COWIE & C. 139 sq. mi.								
Todhead Pt. Lighthouse	Com'rs. of N. Lighthouses	5	1 9	114	..	26·92	172	140
d Stonehaven	The Town Council	5	1 0	125	..	(34·22)	(188)	(138)
D Stonehaven (Mains of Cowie)	John Hart, Esq.	5	1 0	100	..	32·82	173	132
Girdleness	Com'rs. of N. Lighthouses	7	4 0	89	..	30·71	..	..

DIVISION XVII—NORTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
KINCARDINE—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—DEE. 144 sq. mi.								
D Strachan (Bridge of Dye)	Sir J. E. Gladstone, Bt.	5	1 0	513	43·9	47·31	219	143
D Banchory (Invery)	Major Jas. Kerr	5	1 0	225	34·8	38·02	185	150
D Banchory (Woodlands Sch.)	D. B. McKelvie, Esq.	5	1 0	300	..	40·15	183	138
D Banchory (Invercannie)	T. F. Henderson, Esq., C.E.	5	0 9	208	..	35·58	214	146
ABERDEEN. (Area, 1,974 sq. mi.)								
1.—DEE. 672 sq. mi.								
M Glen Muick	T. F. Henderson, Esq., C.E.	5	1 0	1370	45·1	46·87	..	..
D Glen Muick (Inchnabobart)	T. F. Henderson, Esq., C.E.	5	1 0	1270	..	41·82	205	166
d Glen Tanner (Aitnach)	T. F. Henderson, Esq., C.E.	5	1 0	1260	41·9	48·89	..	..
D Braemar (Bank)	J. Campbell, Esq.	5	1 0	1111	35·4	35·66	222	162
D Braemar (Derry Lodge)	T. F. Henderson, Esq., C.E.	5	1 0	1400	38·1	39·99	221	174
D Aboyne (Glentanar House)	Lord Glentanar	5	1 0	553	..	36·44	203	146
D Balmoral Castle Gardens (+A)	R. F. Chalmers, Esq.	5	1 0	927	33·0	34·73	240	164
D Abergeldie Castle Gardens	Mr. Wolseley Collie	5	1 0	800	32·4	34·44	203	158
D Ballater (Irrigation Farm)	T. F. Henderson, Esq., C.E.	5	1 0	637	33·2	33·48	183	134
M Beinn Bhreac	T. F. Henderson, Esq., C.E.	5	1 0	2700	..	43·12	..	..
D Aboyne	T. F. Henderson, Esq., C.E.	5	1 0	450	31·0	33·35	185	138
D Dess House	W. R. Davidson, Esq.	5	1 8	480	31·2	36·62	199	139
D Glen Gairn (Gairn Shiel Lodge)	T. F. Henderson, Esq., C.E.	5	1 0	1100	34·4	35·75	180	152
D Glen Gairn (Corndavon)	T. F. Henderson, Esq., C.E.	5	1 0	1500	37·3	35·06	210	164
D Torphins (School House)	Dr. George Davidson	5	1 4	480	..	36·21	186	141
M Lumphanan	T. F. Henderson, Esq., C.E.	5	1 0	490	31·6	35·38	..	..
D Drumoak (Drum Castle)	Mrs. Irvine	5	1 0	320	30·9	37·29	189	144
d Logie Coldstone School	Duncan Paterson, Esq., M.A., B.Sc.	5	1 0	608	30·9	(30·78)	..	..
D Aberdeen (Mannofield Res.)	T. F. Henderson, Esq., C.E.	5	1 0	171	30·5	38·31	238	152
D Craigiebuckler	Macaulay Institute for Soil Research	5	1 0	220	..	39·28	200	151
2.—DON. 512 sq. mi.								
D Aberdeen Observatory (+A)	Assistant-in-Charge	8	1 0	79	29·5	35·60	208	148
D Strathdon (Tornashean)	Mr. J. Duncan	5	3 0	1020	..	37·01	209	145
d Strathdon (Estates Office)	D. D. Laurie, Esq.	5	1 2	990	35·0	34·24	..	..
D Craibstone (Sth. Meethill Field)	Prof. J. Hendrick	5	1 0	275	33·6	41·07	196	154
D Dyce (Craibstone) (+A)	Abr. & N. of S. Coll. of Ag.	8	1 0	300	31·5	39·61	202	147
D Dyce (Parkhill House)	Mrs. Crombie	8	0 11	170	31·4	38·95	186	151
3.—YTHAN & C. 285 sq. mi.								
D Ellon (Esslemont House)	Capt. R. Wolrige Gordon, M.C.	5	1 6	100	29·8	39·80	224	160
D Ellon (Auchmacoy)	Earl of Caithness	5	1 0	150	..	36·56	209	158
D Haddo House	The Marquis of Aberdeen	5	1 0	186	31·5	37·29	226	161
D Fyvie Castle	Col. Sir C. R. Forbes-Leith, Bt.	5	1 0	200	33·9	37·64	198	167
4.—UGIE & C. 257 sq. mi.								
New Deer School House	J. A. Thomson, Esq.	5	1 0	397	32·3	38·89	..	..
D Peterhead (Stockbridge)	J. Robertson, Esq.	5	1 0	150	28·5	31·16	238	151
D Peterhead (Mains of Buthlaw)	W. Johnston, Esq.	5	1 6	120	30·3	30·91	227	159
D Peterhead (Forehill Works)	J. Dickie, Esq., C.E.	5	0 8	133	30·3	34·34	211	162
Kinnaird Head	Com'rs. of N. Lighthouses	5	1 0	62	23·5	32·65	191	154
5.—DEVERON & C. 248 sq. mi.								
Huntly (Union Bank Ho.)	F. G. Allordice, Esq.	5	1 0	500	..	34·26	..	..
D Huntly (Cruchie)	Miss C. Joss	5	1 0	400	31·7	33·37	234	160

DIVISION XVII—NORTH-EASTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
BANFF. (Area, 630 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—YTHAN. 1 sq. mi.								
2.—DEVERON & C. 344 sq. mi.								
D **Drummuir Castle**	G. Clinton Chessor, Esq.	5	1 10	620	36·4	40·98	205	164
Milltown (Rothiemay Castle)	Lt.-Col. Ian Forbes, D.S.O.	5	0 8	290	..	37·91	..	..
D **Turriff (Forglen Gardens)**	Mr. G. Stuart	5	1 0	220	31·9	35·18	200	155
D Gamrie (Clenterty P. School)	T. H. Smith, Esq.	5	1 0	420	40·1	39·12	201	156
D BANFF	Town Council (I. H. Gordon)	5	0 9	130	26·8	31·22	208	158
Buckie (Rochonnie)	W. Hendry, Esq.	5	1 4	334	27·0	29·27	..	..
Buckie (West Church Street)	W. Hendry, Esq.	5	1 4	75	26·2	28·34	..	..
d Cullen House Gardens	Mr. Mitchell Harrower	5	1 2	150	30·6	(34·98)	..	..
3.—SPEY—Right Bank Tributaries. 285 sq. mi.								
D Ballindalloch	C. Mackenzie, Esq.	8	1 0	630	33·0	37·48	218	156
D Aberlour Orphanage	J. G. White, Esq.	5	1 0	350	32·7	33·79	192	149
MORAY. (Area, 477 sq. mi.)								
1.—DEVERON & C. 7 sq. mi.								
2.—SPEY—Right Bank Tributaries. 85 sq. mi.								
D Fochabers (GORDON CASTLE)	C. Webster for the Duke of Richmond & Gordon, K.G.	5	1 0	104	29·8	30·02	193	136
3.—SPEY—Left Bank Tributaries. 133 sq. mi.								
d Grantown-on-Spey	W. Currie, Esq.	5	1 0	700	31·1	31·66	..	..
D Knockando (Windmill Cottage)	Mr. L. Younie	5	1 0	606	33·3	30·02	200	146
D Aberlour (Wester Elchies)	Mr. A. Ross	5	1 0	550	34·2	32·84	192	150
4.—LOSSIE & C. 154 sq. mi.								
D Kellas (Kellas House)	G. Christie, Esq.	5	0 9	446	..	37·01	205	148
D **Lhanbryde (Blackhills House)**	T. N. Christie, Esq.	5	3 6	310	29·2	33·52	198	167
D **Elgin (Kirkhill)**	P. J. Macdonald, Esq.	5	1 7	35	..	31·16	225	162
M Elgin (Rotha)	Miss M. E. Young	5	1 0	80	25·8	29·68	..	..
D Elgin (Whinnyknowe)	Sir Edward Wallace	5	1 0	100	..	28·01	212	149
d Duffus (Hopeman Lodge)	Mrs. Gordon Duff	8	0 6	65	..	28·95	..	133
D Lossiemouth (Moray Golf Club)	The Secretary	5	1 0	53	..	25·82	175	126
Covesea (Skerries)	Com'rs. of N. Lighthouses	5	8 0	32	..	22·41	177	..
5.—FINDHORN & C. 148 sq. mi.								
D **Forres (Drumduan)**	The MacKinnon of MacKinnon	5	3 0	120	..	30·50	182	138
D Forres (Drumduan Gdns.)	G. Dyker, Esq.	8	5 0	50	..	29·83	190	136
D FORRES (Hydro)	The Town Clerk	5	1 0	155	..	30·20	202	136
NAIRN. (Area, 163 sq. mi.)								
1.—FINDHORN & C. 102 sq. mi.								
D Drynachan Lodge	John Myles, Esq.	5	0 4	755	..	50·48	232	184
d Ardclach (Glenferness)	Mr. J. May	8	1 0	700	34·8	40·76	..	..
D **Lethen**	Col. Hon. I. M. Campbell, D.S.O.	5	1 6	300	..	33·97	189	146
2.—NAIRN & C. 61 sq. mi.								
D Cawdor Castle	Mr. James Taylor	5	1 0	225	29·2	37·59	233	162
D **Nairn (Balblair)**	Major H. C. H. Allanby	5	1 0	94	24·5	30·43	216	149
Nairn (Urchany Res.)	The Town Council	5	1 0	291	..	34·09	..	..
D Nairn (Achareidh)	Major K. S. Clarke	8	1 0	59	24·3	29·78	239	153
D NAIRN (Golf Course)	The Joint Town Clerk	8	1 0	20	24·9	28·24	210	135

DIVISION XVIII—NORTH-WESTERN COUNTIES.

	STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
	INVERNESS. (Area, 4,146 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
	1.—TAY—Tummel. 28 sq. mi.								
D	Loch Ericht (Ben Alder Lodge)	Mr. F. Mackintosh	5	1 0	1175	52·5	49·26	205	174
	2.—SPEY—Right Bank Tributaries. 437 sq. mi.								
D	DALWHINNIE	J. Phillips, Esq., (M.O.)	8	1 0	1176	46·7	52·10	228	183
D	Aultmore (Nethy Bridge)	T. Muir, Esq.	5	1 0	800	..	35·10	227	158
	3.—SPEY—Left Bank Tributaries. 257 sq. mi.								
D	Cluny Castle	Mr. A. Macdonald	5	1 0	816	39·9	42·86	231	177
D	Glenshero	British Aluminium Co., Ltd.	8	1 0	880	..	56·16	238	201
M	Loch Spey	British Aluminium Co., Ltd.	5	1 0	1164	67·5	66·98	..	..
	Glen Spey (Mealgarve)	British Aluminium Co. Ltd.	8	1 0	1135	..	59·08	..	..
D	Laggan (Gergask)	British Aluminium Co., Ltd.	8	1 0	870	*38·4*	40·06	215	161
D	Kingussie (The Birches)	British Aluminium Co., Ltd.	8	1 0	810	31·5	39·57	213	156
D	Carr Bridge (Crannich)	Mrs. J. A. Doak	5	1 0	900	29·6	34·90	193	150
	4.—FINDHORN. 164 sq. mi.								
D	Tomatin (Dalmigavie Lodge)	Mr. A. Kennedy	5	1 2	1150	..	42·99	209	167
	5.—NAIRN & C. 131 sq. mi.								
	6.—NESS—Right Bank Tributaries. 252 sq. mi.								
D	Fort Augustus (Ardachy)	A. T. Bruen, Esq.	5	0 3	100	..	53·18	222	185
D	Loch Ness (Killin, Whitebridge)	British Aluminium Co., Ltd.	8	1 0	1200	*47·9*	62·04	204	188
D	Loch Ness (Garthbeg)	British Aluminium Co., Ltd.	8	1 0	630	*41·5*	47·21	233	166
D	Loch Ness (Foyers)	British Aluminium Co., Ltd.	8	1 0	52	38·2	43·33	200	161
D	Loch Ness (Aberchalder)	British Aluminium Co., Ltd.	8	1 0	700	*35·8*	48·06	235	156
D	INVERNESS (Culduthel Res.)	Town Council (A. Knowles)	5	1 0	242	*26·7*	35·67	198	143
	7.—NESS—Garry & c. 185 sq. mi.								
M	Loch Quoich (Loan)	Col. D. W. Cameron of Lochiel	5	1 0	750	146·1	124·62	..	..
d	Loch Quoich (Kinlochquoich)	Col. D. W. Cameron of Lochiel	5	1 0	560	119·3	116·58	..	162
D	Loch Quoich (Glenquoich)	J. MacDonald, Esq.*	5	1 2	569	110·7	116·19	217	209
D	Invergarry (The Schoolhouse)	W. M. Aitken, Esq.	5	1 0	180	62·6	56·03	234	174
	8.—NESS—Moriston. 120 sq. mi.								
D	Glenmoriston (Ceannacroc)	J. Grant, Esq.	5	1 0	410	66·7	73·55	221	183
D	Glenmoriston (Invermoriston Hotel)	P. J. Kydd, Esq.	5	1 0	70	47·5	51·84	185	161
	9.—NESS—Enrick. 131 sq. mi.								
d	Glen Urquhart (Corrimony)	Col. John Haig, D.S.O.	5	1 0	520	..	49·67	..	193
D	Inverness (Ruigh Ard Asylum)	The Medical Supt.	5	0 11	330	*29·9*	41·16	230	171
	10.—BEAULY. 341 sq. mi.								
d	Beauly (Culmill)	W. L. McWilliam, Esq.	5	1 0	190	..	41·67	..	135
	11.—CROMARTY FIRTH. 13 sq. mi.								
	12.—SOUND OF SLEAT. 259 sq. mi.								
D	Loch Nevis (Inverie Gardens)	Mr. Malcolm McLeod	5	1 0	15	*85·6*	80·27	239	210
	13.—SOUND OF ARISAIG. 126 sq. mi.								
D	Moidart (Kinlochmoidart)	J. C. Stewart, Esq.	5	1 0	13	*69·4*	75·53	236	221
d	Arisaig (Faire-na-Sguir)	Miss C. C. Astley	5	1 0	30	*55·7*	51·28	..	..
D	Arisaig House	Mr. W. Grant	5	1 0	40	*62·9*	65·54	231	215
	14.—LOCH LINNHE—Right Bank Tributaries. 48 sq. mi.								
d	Loch Eil (Achdalieu)	Col. D. W. Cameron of Lochiel	5	1 0	100	61·8	69·90	..	207

* *Per* Capt. W. N. McClean.

DIVISION XVIII—NORTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
INVERNESS—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
15.—LOCHY—Right Bank Tributaries. 143 sq. mi.								
D Loch Arkaig (Achnacarry)	Col. D. W. Cameron of Lochiel	5	1 0	128	82·0	83·60	241	201
d Loch Arkaig (Glendessary)	Col. D. W. Cameron of Lochiel	5	1 0	300	106·6	116·74	..	201
16.—LOCHY—Left Bank Tributaries. 362 sq. mi.								
D Clunes (L. Lochy W.)	Col. D. W. Cameron of Lochiel	5	1 6	110	..	81·94	239	195
Loch Treig (Creaguaineach)	British Aluminium Co.,Ltd..	5	1 0	800	74·0	85·73	..	..
Loch Ossian (Strathossian Ho.)	British Aluminium Co.,Ltd..	8	1 0	1180	70·2	77·53	..	..
Fort William (Allt'a Mhuilinn)	British Aluminium Co.,Ltd..	8	1 0	1000	85·1	81·46	..	..
D Fort William (The Factory)	British Aluminium Co.,Ltd..	8	1 0	75	69·6	79·29	242	204
Roybridge (Lairig Road)	British Aluminium Co.,Ltd..	8	1 0	1650	91·2	95·19	..	..
Spean Bridge (The Cour)	British Aluminium Co.,Ltd..	5	1 0	1050	92·5	107·57	..	..
Sgurr Finisgaig	British Aluminium Co.,Ltd..	5	1 0	2000	..	114·47	..	..
D Loch Treig (Fersit)	British Aluminium Co.,Ltd..	8	1 0	850	62·9	60·08	240	213
Tulloch (Allt Laire)	British Aluminium Co.,Ltd..	5	1 0	1050	..	69·45	..	..
Roybridge (Allt Leachdach)	British Aluminium Co.,Ltd..	8	1 0	650	..	68·01	..	..
Loch Pattack	Sir J. F. Ramsden, Bt.	5	0 9	1420	59·6	63·95	..	..
Glen Spean (Craigbeg)	British Aluminium Co.,Ltd..	8	1 0	860	54·9	58·29	..	..
W Loch Lochy (Invergloy)	Mr. J. Clark for Miss J. Allan	5	1 0	200	58·9	74·66	..	..
D Loch Laggan (Ardverikie)	Sir J. F. Ramsden, Bt.	5	0 6	838	..	49·96	247	177
17.—LOCH LINNHE—Left Bank Tributaries. 120 sq. mi.								
D North Ballachulish (Alltshellach)	B. Chinnery-Haldane, Esq..	5	1 0	80	74·3	83·56	248	212
D Onich	Forestry Commission	5	1 3	48	72·8	74·31	236	211
d Glenleven (Blackwater Dam, N) 7.	British Aluminium Co.,Ltd..	8	1 0	1072	85·5	106·74	(258)	(222)
Kinlochleven (Mamore Lodge)	Mr. Ian Currie	5	1 8	700	95·1	104·03	..	..
M Glenleven (Invercam) No. 6.	British Aluminium Co.,Ltd..	8	1 6	1070	74·8	82·93	..	..
Glenleven (Ciarin) No. 3.	British Aluminium Co.,Ltd..	8	1 6	1200	80·8	95·07	..	..
Glenleven (Loch Eilde Mhor) 8.	British Aluminium Co.,Ltd..	8	1 6	1130	94·9	107·13	..	..
Glenleven (Loch Eilde Beg) No. 9.	British Aluminium Co.,Ltd..	8	1 6	1125	94·6	113·18	..	..
Glenleven (Corrour) No. 5.	British Aluminium Co.,Ltd..	8	1 6	1260	70·1	79·81	..	..
D Fort William (Teviot)	J. W. Ainslie, Esq.	8	1 0	34	..	87·21	237	203
D Fort William (Glasdrum)	British Aluminium Co.,Ltd..	5	1 0	216	..	83·55	240	202
18.—INSULAR, INNER HEBRIDES. 786 sq. mi.								
D Isle of Eigg	Rt. Hon. Walter Runciman, P.C.	8	2 8	150	*53·5*	70·74	233	220
D Skye (Kyleakin, Dunringell)	Maj. A. D. Mackinnon, C.M.G.	5	2 1	80	*62·4*	64·37	253	208
Oronsay Lighthouse	Com'rs. of N. Lighthouses..	5	0 6	10	*52·7*	57·47	248	198
D Skye (Scalpay Island)	Mr. D. Gunn	5	1 0	4	*75·1*	77·38	243	206
D Skye (Portree)	D. Dewar, Esq.	5	1 0	65	*61·7*	71·64	257	226
Skye (North Eist Point)	Com'rs. of N. Lighthouses ..	5	0 8	65	..	50·09	211	200
D Skye (Dunvegan)	Mrs. Mackenzie	5	3 0	47	*65·8*	60·91	246	215
D Skye (Duntuilm, Kilmuir)	Seton Gordon, Esq	5	1 0	294	..	50·35	253	209
19—INSULAR, OUTER HEBRIDES. 243 sq. mi.								
D Barra (Skallary)	J. Smith, Esq.	8	0 10	30	..	47·17	258	213
S. Uist (Ushenish Light)	Com'rs. of N. Lighthouses .	5	1 0	178	..	51·91	221	195
D North Uist (Newton)	J. MacAskill, Esq.	5	1 0	41	..	43·92	230	182
D N. Harris (Amhuinsuidh Castle)	Norman Robertson, Esq...	5	1 3	12	*57·5*	64·93	246	237
ROSS & CROMARTY. (Area, 3,237 sq. mi.)								
1.—NESS—Moriston. 35 sq. mi.								
D Glenmoriston (Cluanie Inn)	Mrs. Macdonald*	5	1 3	630	108·0	123·62	255	217
2.—BEAULY. 109 sq. mi.								
3.—MORAY FIRTH COAST STREAMS. 64 sq. mi								
D Fortrose	The Town Clerk	5	1 0	69	*23·4*	27·33	174	132
d Fearn (Geanies)	Mr. A. Munro	5	0 11	200	*23·1*	29·04	..	..

* *Per* Capt. W. N. McClean.

DIVISION XVIII—NORTH-WESTERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Aver-age Rain-fall.	1935. Rain-fall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
ROSS & CROMARTY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—CROMARTY FIRTH. 714 sq. mi.								
D Muir of Ord (Fairburn)	Major J. S. Stirling	5	1 0	500	..	44·96	180	169
D Dingwall (The Academy)	The Rector	5	1 0	18	*29·0*	34·28	190	151
Cromarty	Com'rs. of N. Lighthouses	5	1 0	21	*24·4*	27·03	..	..
D Alness (Ardross Castle)	Mr. D. M. Sharpe	5	1 0	450	38·5	42·55	205	159
5.—DORNOCH FIRTH. 355 sq. mi.								
D Tain (Ardlarach)	Col. C. MacIver Ritchie	5	1 0	400	*29·4*	38·56	240	168
Tarbetness	Com'rs. of N. Lighthouses	5	1 10	62	*23·0*	26·99	..	..
6.—ENARD BAY. 78 sq. mi.								
7.—LOCH BROOM & C. 367 sq. mi.								
Loch a' Bhraoi.. (Vroain)	Mr. Murdo Mackenzie	8	0 9	820	*62·2*	86·80	..	..
Inverbroom House	Mr. Murdo Mackenzie	8	0 7	50	*54·7*	62·69	..	..
D Ullapool	Dr. D. Wallace	5	1 6	75	48·0	48·45	227	184
8.—LOCH EWE, LOCH TORRIDON & C. 423 sq. mi.								
W Kinlochewe (Greenhill)	R. Matheson, Esq.	5	0 9	85	..	80·86	..	..
Loch Maree (Letterewe)	M. MacLennan, Esq.	5	1 0	32	..	66·75	..	..
D Poolewe (Inverewe Gardens)	Mr. G. Beaver	5	0 6	20	*55·2*	56·71	237	207
9.—LOCH CARRON, LOCH ALSH & C. 401 sq. mi.								
d Glenshiel (Ratagan)	Forestry Commission	5	1 0	12	*80·0*	93·71	..	193
D Loch Duich (Inverinate)	J. Finlayson, Esq.	5	1 0	28	..	86·07	238	214
D Loch Carron (Dunhulladale)	Mrs. G. J. Campbell	5	1 0	9	*70·5*	78·90	242	203
Applecross Gardens	Mr. J. McCowan	5	1 6	70	57·3	65·02	..	..
D ACHNASHELLACH	Forestry Commission	5	1 0	225	84·4	86·28	244	226
10.—INSULAR, OUTER HEBRIDES. 691 sq. mi.								
D Stornoway (Leurbost Sch.)	A. Matheson, Esq.	5	0 6	100	..	49·61	234	199
Stornoway Lighthouse	Com'rs. of N. Lighthouses	5	0 6	28	..	49·22	222	191
D STORNOWAY (C. GUARD STN.)	Station Officer (M.O.)	8	1 0	79	..	46·46	253	202
d STORNOWAY (MATHESON RD.)	Station Officer (M.O.)	8	1 0	30	49·9	53·56	(258)	(208)
Butt of Lewis Lighthouse	Com'rs. of N. Lighthouses	8	3 9	51	*39·6*	51·50	232	200

DIVISION XIX—NORTHERN COUNTIES.

SUTHERLAND. (Area, 2,080 sq. mi.).								
1.—DORNOCH FIRTH. 413 sq. mi.								
D Lairg	A. Gunn, Esq.	5	1 0	330	37·3	43·67	212	163
2.—FLEET, BRORA & C. 309 sq. mi.								
D Golspie (Technical School)	Wm. A. Macdonald, Esq.	5	1 5	100	32·2	34·45	210	146
3.—HELMSDALE & C. 226 sq. mi.								

DIVISION XIX—NORTHERN COUNTIES—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
SUTHERLAND—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
4.—NORTH COAST STREAMS. 736 sq. mi.								
D Skerray (Borgie)	Forestry Commission	5	1 0	110	37·5	48·26	247	198
D Tongue	Rev. W. J. Lundie	5	1 0	180	41·0	43·86	245	193
D Melvich	A. MacIntosh, Esq.	5	1 0	200	36·0	44·92	212	191
Cape Wrath	Com'rs. of N. Lighthouses	5	0 9	346	..	44·50	230	193
5.—LOCH LAXFORD & C. 256 sq. mi.								
D Loch More (Achfary)	Mr. J. Munro	5	1 0	137	75·8	98·52	261	229
6.—ENARD BAY. 138 sq. mi.								
7.—INSULAR. 2 sq. mi.								
CAITHNESS. (Area, 696 sq. mi.).								
1.—BERRIEDALE, DUNBEATH & C. 169 sq. mi.								
Berriedale (Langwell)	Duke of Portland	5	1 6	150	33·8	37·67	..	..
Clythness	Com'rs. of N. Lighthouses	5	1 5	133	29·6	34·12	..	..
2.—WICK & C. 184 sq. mi.								
D Wick (C. Guard Stn.)	Station Officer (M.O.)	8	1 2	81	29·9	34·24	227	166
Nosshead	Com'rs. of N. Lighthouses	5	0 9	129	25·1	34·32	..	154
3.—THURSO & C. 238 sq. mi.								
D Thurso (Buckies)	J. H. M. Davidson, Esq.	5	0 1	240	39·0	46·10	245	195
Thurso (Holburn Head)	Com'rs. of N. Lighthouses	5	0 8	68	..	37·30	168	166
Dunnet Head	Com'rs. of N. Lighthouses	5	1 0	331	30·2	35·73	208	161
Duncansby Head	Com'rs. of N. Lighthouses	5	..	196	31·4	37·79	229	182
4.—FORSS & C. 104 sq. mi.								
D Reay (The Manse)	Rev. Dugald Carmichael	9	1 0	49	36·2	41·65	263	182
5.—INSULAR. 1 sq. mi.								
Stroma	Com'rs. of N. Lighthouses	5	3 0	54	25·5	32·53	252	211
ORKNEY. (Area, 389 sq. mi.).								
Pentland, Skerries Lighthouse	Com'rs. of N. Lighthouses	5	3 0	70	..	39·52	235	195
Hoy (Cantickhead)	Com'rs. of N. Lighthouses	5	3 10	68	*35·5*	39·16	210	199
Hoy (Graemsay Sound, High)	Com'rs. of N. Lighthouses	5	1 4	29	*35·9*	38·50	..	..
Hoy (Graemsay Sound, Low)	Com'rs. of N. Lighthouses	8	4 4	40	*36·7*	50·48	..	207
D Deerness	W. J. Moar, Esq.	5	1 0	160	35·4	42·87	264	188
D Kirkwall (Bignold Park)	The Town Council	5	1 0	113	36 9	44·79	249	196
Hellyar Holm	Com'rs. of N. Lighthouses	5	1 3	35	..	40·00	..	174
Auskerry	Com'rs. of N. Lighthouses	5	1 0	22	..	36·56	262	183
Shapinsay (Balfour Castle)	Mr. W. Liddell	5	0 6	50	32·0	40·81	..	..
Sanday (Start Point)	Com'rs. of N. Lighthouses	5	1 0	27	*32·3*	45·30	253	197
North Ronaldshay	Com'rs. of N. Lighthouses	5	0 9	22	..	39·05	209	171
SHETLAND. (Area, 558 sq. mi.).								
D Lerwick (The Nabb C. G. Stn.)	District Officer (M.O.)	8	1 0	156	..	43·17	250	195
D Lerwick Observatory ..(+A)	Meteorologist-in-Charge	8	1 0	269	38·1	48·05	266	210
Eshaness	Com'rs. of N. Lighthouses		..	..	..	41·57	..	191
D Bixter (Vementry)	Andrew Tait, Esq.	5	1 1	25	..	47·23	258	208
D Baltasound (Halligarth)	T. E. Saxby, Esq., F.R.F.P.S., J.P.	5	1 0	31	42·1	54·60	318	219

IRELAND.

DIVISION XX.—MUNSTER.

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
CORK. (Area, 2873 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—SHANNON—Left Bank Tributaries. 79 sq. mi.								
2.—DINGLE BAY. 4 sq. mi.								
3.—KENMARE & C. 47 sq. mi.								
4.—BANTRY BAY. 197 sq. mi.								
D Garinish Island	M. Mackenzie, Esq.	5	1 0	24	*70·4*	60·03	206	181
5.—DUNMANUS BAY. 57 sq. mi.								
6.—BANDON & C. 694 sq. mi.								
D Castle Townshend (Glen Barrahane)	Sir M. P. Coghill, Bt.	5	1 3	100	*44·7*	41·86	210	160
D Castle Townshend (Seafield)	Major H. Chavasse	5	1 0	40	*47·6*	42·06	205	161
D Skibbereen (Hollybrook Farm)	Capt. C. M. Morgan	8	1 6	60	*53·6*	50·24	210	182
d Caheragh (The Rectory)	The late Rev. A. W. Whitley	5	1 0	98	*56·7*	(46·56)	(221)	(177)
Clonakilty (Shannon Vale Ho.)	T. J. Bennett, Esq.	5	1 3	135	..	38·94	..	..
D Kilbrittain (Rathclarin Rectory)	Rev. R. J. Colthurst	5	0 11	60	..	38·35	193	147
D Kinsale (Scilly House)	J. J. Orr, Esq., M.D	5	1 0	62	*38·5*	35·72	188	155
d Kinsale (Nohoval Rectory)	Rev. H. Hadden	5	0 6	272	*39·0*	37·74	..	..
D Dunmanway (The Rectory)	Rev. Canon A. Wilson	5	1 6	205	61·0	50·27	219	173
7.—CORK HARBOUR. 726 sq. mi.								
D Cloyne (The Deanery)	The Very Rev. Dean of Cloyne	5	1 0	100	..	36·92	176	152
D Cork (University College) (+A)	Prof. H. N. Walsh	5	1 0	57	40·0	35·61	195	146
D Cork (University College Farm)	Prof. C. Boyle	5	1 11	75	..	37·04	182	141
D Cork (Wellington Road)	R. C. Sikes, Esq., C.E.	5	2 2	120	*40·3*	36·64	195	153
D Midleton (Ballinacurra)	The late J. H. Bennett, Esq.	8	1 0	24	40·4	34·44	198	141
D Glanmire (Lota Lodge)	No. 1. A.F. Sharman-Crawford, Esq.	5	1 0	200	42·6	40·00	203	162
8.—WOMANAGH & C. 118 sq. mi.								
D Roches Point (C. Guard Station)	Miss Roche (M.O.)	8	1 0	22	41·9	35·66	210	161
D Shanagarry (Kinoith)	Miss L. P. Strangman	5	1 0	75	..	25·90?	174	134
9.—BLACKWATER. 922 sq. mi.								
D Mallow (Longueville)	Major L. Longfield,	5	1 0	310	37·3	36·35	238	172
D Mallow (Hazlewood)	E. MacLysaght, Esq.	5	0 11	360	*39·5*	35·43	218	179
Kanturk (Castlecor)	Mrs. Norton Barry	..	..	..	*37·6*	36·10	..	..
10.—SUIR. 3 sq. mi.								
11.—INSULAR. 26 sq. mi.								
KERRY. (Area, 1851 sq. mi.)								
1.—SHANNON—Left Bank Tributaries. 372 sq. mi.								
D Ballylongford Rectory	Rev. C. Murray	5	3 6	60	..	42·45	223	189
2.—TRALEE BAY & C. 221 sq. mi.								

DIVISION XX.—MUNSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
KERRY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—DINGLE BAY. 789 sq. mi.								
D VALENTIA OBSERVATORY ...(+A).	The Superintendent.....	8	1 3	30	55·7	51·32	246	197
Gap of Dunloe (Gearhameen).....	J. Casey, Esq., for M.O.....	8	3 0	75	94·0	88·20	..	..
Killarney (Muckross Lawn)	A. R. Vincent, Esq.	5	..	100	..	66·20	..	..
D Killarney (Flesk Mills).....	J. Lawlor, Esq.....	8	2 6	96	*54·9*	51·80	208	185
D Killarney (Mental Hospital)	Resident Medical Supt.....	5	1 2	173	54·7	40·72?	204	174
D Killarney (Lakeview).....	Capt.Sir M.O'Connell,Bt.,M.C.	5	1 0	120	*55·5*	45·70	185	165
d Killorglin (Callinafercy).....	Maj. M. R. Leeson-Marshall.	5	1 0	40	*51·9*	(48·64)	(197)	(190)
D Bally McElligott Rectory.....	Rev. G. Maxwell.....	5	0 11	20	..	40·43	232	191
4.—KENMARE & C. 426 sq. mi.								
D Darrynane Abbey.....	Miss F. O'Connell.....	5	1 0	13	51·0	48·79	245	204
D Kenmare (Dromore Castle)	Lt.-Col. E. Hood.....	5	0 9	90	*65·1*	65·62	244	207
D Kenmare (Sheen Falls).....	Marquess of Lansdowne....	5	0 11	25	*65·6*	65·80	242	209
5.—BLACKWATER. 30 sq. mi.								
6.—INSULAR. 13 sq. mi.								
WATERFORD. (Area, 715 sq. mi.)								
1.—BLACKWATER. 243 sq. mi.								
D Tallow (Moore Hill)	E. Perceval-Maxwell, Esq...	5	1 6	100	..	43·33	187	157
D Lismore Castle	E. E. Hey, Esq.	5	1 2	85	..	39·69	203	141
2.—COLLIGAN & C. 259 sq. mi.								
3.—SUIR. 213 sq. mi.								
D Knockaderry Reservoir (No. 2)....	D. Sheedy, Esq.,C.E.....	5	1 0	248	*41·3*	38·72	181	130
D WATERFORD (Gortmore).....	Mrs. N. H. White.....	5	1 2	137	38·9	33·92	199	137
D Portlaw (Mayfield)	M. Sheehan, Esq.	5	0 10	25	43·1	37·93	189	143
D CARRICK-ON-SUIR (Seskin).....	L. Grubb, Esq.	8	1 0	535	*45·0*	38·88	223	152
TIPPERARY. (Area, 1660 sq. mi.)								
1.—SHANNON—Left Bank Tributaries. 582 sq. mi.								
D Birdhill (Parteen Weir).....	Electricity Supply Board...	5	2 3	130	..	40·50	215	182
D Nenagh (Traverston).....	Miss A. H. Norris.....	5	1 0	333	*45·2*	47·58	246	190
D Nenagh (Castle Lough).....	S. Parker-Hutchinson, Esq.	5	1 3	120	39·5	40·57	245	188
D Cloughjordan (Modreeny).....	Capt. G. W. Whitfield.....	5	1 0	275	..	36·73	210	179
D Roscrea	Electricity Supply Board...	5	..	..	..	34·78	229	159
Terryglass (Slevoyre)	B.-Gen. C. J. Hickie, C.M.G..	8	1 0	143	*31·9*	31·44	221	150
2.—BLACKWATER. 21 sq. mi.								
3.—SUIR. 965 sq. mi.								
D Cahir (Abbey).....	Mrs. W. Rochfort.....	5	1 0	160	39·2	35·24	206	171
D Cashel (Ballinamona).....	E. W. M. Murphy, Esq.....	5	1 0	262	36·8	36·74	213	165
4.—BARROW—Nore. 92 sq. mi.								
D Roscrea (Timoney Park).....	S. Parker-Hutchinson, Esq..	5	1 0	475	*36·2*	39·50	226	161
LIMERICK. (Area, 1040 sq. mi.)								
1.—SHANNON—Right Bank Tributaries. 7 sq. mi.								

DIVISION XX.—MUNSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LIMERICK—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—SHANNON—Left Bank Tributaries. 944 sq. mi.								
d Abbeyfeale (Springmount Sch.)	J. F. O'Kelly, Esq.	5	1 0	360	*41·1*	38·72	..	..
Knocklong (Kilfrush)	Mrs. Gubbins. *	5	1 3	312	*37·8*	33·70	..	..
D Ballingarry Presbytery	Rev. Thomas Hogan	5	1 0	308	..	34·25	222	160
D Foynes (Coolnanes)	The Lord Monteagle, C.M.G., M.V.O.	8	1 0	43	39·7	41·77	237	169
D Pallaskenry	T. O'Byrne, Esq.	8	1 0	20	..	40·26	224	181
D Limerick (Mulgrave Street)	Messrs. W. J. Shaw & Sons.	5	1 1	60	*38·5*	43·58	242	199
D Limerick (Boat Club)	W. J. C. Horne, Esq.	5	1 0	50	*38·6*	44·36	248	202
D Castleconnell Rectory	Rev. Canon L. G. Davis.	5	1 0	88	*41·2*	40·61	202	167
3.—BLACKWATER. 64 sq. mi.								
4.—SUIR. 25 sq. mi.								
CLARE. (Area, 1270 sq. mi.)								
1.—GALWAY BAY, SOUTH. 100 sq. mi.								
2.—MAL BAY & C. 294 sq. mi.								
D Inagh (Mount Callan)	Capt. R. G. Tottenham.	5	1 0	479	*67·2*	66·61	233	220
3.—SHANNON—Right Bank Tributaries. 854 sq. mi.								
d Ardnacrusha (Power Station)	Electricity Supply Board.	5	1 6	89	..	(44·83)	(196)	(175)
D Dromoland Castle	Dowager Lady Inchiquin.	5	1 6	45	*40·0*	46·07	233	204
D Broadford (Hurdlestown)	Lt.-Col. W. A. Bentley.	5	1 0	167	*39·7*	37·47?	247	190
D Tuamgraney (Raheen Ho.)	E. MacLysaght, Esq.	5	1 0	190	*41·9*	45·58	222	200
D Feakle	J. J. Harrington, Esq.	5	1 3	300	..	48·55	206	188
4.—INSULAR. 22 sq. mi.								

DIVISION XXI.—LEINSTER.

WEXFORD. (Area, 902 sq. mi.)								
1.—BARROW. 43 sq. mi.								
2.—OWENDUFF & C. 240 sq. mi.								
D Foulks Mills (Longraigue)	Miss J. Deane	5	1 1	220	39·3	37·99	199	153
3.—SLANEY & C. 467 sq. mi.								
d Johnstown Castle	Lady Maurice Fitzgerald	5	1 3	200	*37·0*	35·91	..	142
D Enniscorthy (Woodbrook)	Col. S. W. W. Blacker, D.S.O.	5	1 0	370	*48·8*	43·25	202	177
4.—OWENAVORRAGH & C. 146 sq. mi.								
D Gorey (Courtown House)	Earl of Courtown	5	1 0	60	34·7	32·15	179	130
D Gorey (Ram's Gate)	Lt.-Cmdr. A.C.L. Ellis, R.N.R.	5	4 2	170	..	32·33	169	143
5.—OVOCA & C. 6 sq. mi.								
KILKENNY. (Area, 798 sq. mi.)								
1.—SUIR. 162 sq. mi.								
D Piltown (Bessborough)	The Earl of Bessborough.	8	3 7	60	..	33·15	192	132

* *Per* Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
KILKENNY—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
2.—BARROW—Nore. 527 sq. mi.								
D Thomastown (Mall House)	J. Molony, Esq	.	..	90	..	29·84	192	145
D Castlecomer House	Capt. R. H. Prior-Wandesforde	5	1 0	380	*39·6*	39·49	206	173
3.—BARROW. 109 sq. mi.								
WICKLOW. (Area, 781 sq. mi.)								
1.—BARROW. 12 sq. mi.								
2.—SLANEY. 200 sq. mi.								
D Shillelagh (Coollattin Gardens)	Mr. F. W. Cox	5	0 9	383	41·9	30·05?	172	135
3.—OVOCA & C. 241 sq. mi.								
D Rathdrum (Avondale)	Lands & Fisheries Dept.	5	1 0	400	..	40·80	198	154
4.—VARTRY & C. 193 sq. mi.								
D Rathnew (Clonmannon)	R. H. S. Truell, Esq	5	1 6	27	*33·1*	28·53	180	124
D Roundwood	Dublin Corporation*	5	1 8	750	*44·6*	40·10	163	141
D Newcastle (Killadreenan)	The Med. O. Nat. Hos. Cons.	8	1 2	256	*36·0*	30·58	174	136
D Delgany (Elsinore)	Miss N. G. Moore	8	1 4	260	..	32·56	188	131
D Greystones (Burnaby Lodge)	Capt. C. H. West	5	1 0	95	..	29·29	177	116
5.—LIFFEY & C. 135 sq. mi.								
D Blessington Rectory	Rev. W. Reeves Scully	5	0 8	670	*38·0*	34·43	228	169
CARLOW. (Area, 346 sq. mi.)								
1.—BARROW—Nore. 9 sq. mi.								
2.—BARROW. 216 sq. mi.								
D Bagnalstown (Fenagh House)	D.R.P.Beresford,Esq.O.B.E.	5	1 0	340	34·9	28·15	201	131
d Carlow (Browne's Hill)	B.-Gen. R. Browne Clayton.	5	1 0	291	34·1	26·42	..	129
3.—SLANEY. 121 sq. mi.								
D Hacketstown Rectory	Rev. C. S. S. Ellison	5	1 6	590	39·5	33·91	226	158
LEIX (Area, 664 sq. mi.)								
1.—SHANNON—Left Bank Tributaries. 25 sq. mi.								
2.—BARROW—Nore. 339 sq. mi.								
D Abbey Leix (Blandsfort)	Mrs. Hum Bland	5	1 0	532	36·5	37·56	214	170
D Mountrath (Baunreagh)	Lands & Fisheries Dept.	5	1 0	810	..	53·94	214	185
3.—BARROW. 300 sq. mi.								

* *Per* Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more	1935. Days with ·04 in. or more.
OFFALY. (Area, 772 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—SHANNON—Left Bank Tributaries. 560 sq. mi.								
D BIRR CASTLE	The Earl of Rosse	8	1 0	173	32·6	32·44	215	152
D Meelick (Victoria Lock)	Office of Public Works	5	1 0	121	*29·9*	33·16	229	158
D Banagher	Electricity Supply Board	5	1 6	130	*30·8*	31·39	190	158
D Ferbane (Turraun Peat Works)	Turf Development Bd. Ltd.	8	1 2	165	*32·5*	36·06	189	152
D Ballycumber (Bellair Ho.)	Mrs. F. B. Mulock	5	..	290	*33·9*	34·40	219	163
2.—BARROW—Nore. 5 sq. mi.								
3.—BARROW. 156 sq. mi.								
Edenderry (Tubberdaly Ho.)	J. Murphy, Esq	5	1 6	330	*33·5*	35·20	..	..
4.—BOYNE. 51 sq. mi.								
d Edenderry (The Tunnel)	C. T. Calwell, Esq., C.E.	8	3 7	265	..	31·51	..	149
KILDARE. (Area, 654 sq. mi.)								
1.—BARROW. 332 sq. mi.								
D Athy (Moone)	E. Shackleton, Esq.	5	0 10	274	..	32·21	216	150
D Athy (Cromaboo Bridge)	Office of Public Works	5	0 11	185	..	31·58	192	135
D Monasterevin (Pass Bridge)	Office of Public Works	5	0 8	208	..	30·05	205	140
2.—LIFFEY. 246 sq. mi.								
d Straffan House	F. B. Barton, Esq	5	1 0	256	31·4	30·69	..	..
D Clongowes Wood College	The Principal	8	1 4	246	*30·2*	30·87	212	152
3.—BOYNE. 76 sq. mi.								
DUBLIN. (Area, 354 sq. mi.)								
1.—VARTRY & C. 23 sq. mi.								
D Shankill (Sherrington)	Lt.-Col. J. C. W. Erck	5	1 0	115	*29·6*	27·65	159	123
D Carrickmines (Claremount)	Mrs. W. A. Ormsby	5	0 11	300	..	27·94	182	123
Killiney (Rathleigh)	H. R. Maunsell, Esq	5	3 6	..	*28·1*	25·11	..	..
2.—LIFFEY & C. 188 sq. mi.								
D Stillorgan (Vartry Ho.)	Dublin Corporation	5	1 0	263	*28·0*	29·44	164	130
D Stillorgan (Service Reservoir)	Dublin Corporation	5	1 0	265	..	29·36	167	128
D Stillorgan (Farmleigh)	T. Jackson, Esq	5	1 1	220	*32·8*	28·48	169	123
D Kingstown (Harbour Yard)	Office of Public Works	8	1 0	52	*28·3*	27·45	156	119
D Kingstown (Tivoli Terr. S.)	Capt. L. B. Merideth	5	1 0	131	..	25·41	156	119
D Kingstown (People's Park)	Dr. T. J. Lydon	8	1 6	25	..	26·05	174	126
D RATHFARNHAM Castle	The Rev. Father the Rector.	8	1 0	169	*28·4*	28·16	191	135
D Rathmines (Neville Road)	T. H. Mason, Esq	5	1 0	100	*28·0*	28·10	168	143
D Donnybrook (Anglesea Road)	F. C. D. Joynt, Esq	5	1 0	30	*27·9*	28·56	184	130
D DUBLIN CITY (FitzWilliam Square)	Sir J. W. Moore, M.D., D.Sc.	8	1 6	54	*27·4*	23·75	186	127
D Dublin (Ringsend Pumpg. Stn.)	H. Nicholls, Esq.	10	0 9	23	*26·3*	23·83	176	131
D DUBLIN (TRINITY COLLEGE)	R. W. Ditchburn, Esq	8	1 0	13	26·1	24·07	176	127
D DUBLIN (PHŒNIX PARK)	The Director of O.S. Office	8	1 0	155	*27·6*	26·65	195	135
D HAZELHATCH (PEAMOUNT SAN.)	The Superintendent	5	1 0	366	..	28·06	171	143
D Clontarf (Pumping Station)	H. Nicholls, Esq.	5	3 9	17	*24·4*	26·28	190	134
D GLASNEVIN (Botanic Gardens)	The Keeper	8	1 0	55	27·9	26·84	194	140
D How'h (Danesfort)	Mrs. H. E. Guinness	5	1 0	460	..	27·91	162	131
D Howth Castle	J. Gaisford St. Lawrence, Esq.	5	1 6	35	*28·7*	25·82	156	127

DIVISION XXI.—LEINSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
DUBLIN—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—NANNY, DELVIN & C. 142 sq. mi.								
D Malahide (Seamount)	J. G. Jameson, Esq.	5	1 0	150	*28·0*	27·95	186	139
D Lusk (Nevitt)	W. Monks, Esq.	5	1 0	139	*29·2*	27·73	180	127
D Skerries (Milverton Hall)	Capt. E. G. Woods	5	1 0	190	*28·0*	29·58	181	141
D Balbriggan (Ardgillan)	No.1..Capt. E. R. Taylor	5	1 0	203	29·0	30·03	203	136
4.—INSULAR. 1 sq. mi.								
D Lambay Island	Lord Revelstoke	5	1 0	20	*27·4*	26·30	141	121
MEATH. (Area, 909 sq. mi.)								
1.—SHANNON—Left Bank Tributaries. 32 sq. mi.								
2.—LIFFEY & C. 72 sq. mi.								
D Dunboyne (Stirling, Clonee)	Mr. J. Pilkington	8	0	231	*33·3*	29·71	186	151
3.—NANNY, DELVIN & C. 150 sq. mi.								
4.—BOYNE. 560 sq. mi.								
D Summerhill House	Mr. W. Lauder	5	1 0	372	*33·7*	33·87	202	155
D Navan (Tara Hall)	C. Moore-Brabazon, Esq.	5	1 3	350	..	33·83	190	160
D Athboy (Frayne)	Dr. Beryl F. E. Moore	5	0 9	310	..	34·25	232	152
D Beauparc (St. Cloud)	W. J. Hopkins, Esq.	5	1 0	215	*31·5*	35·31	199	161
D Kells (Headfort)	The Marquis of Headfort	8	1 0	227	37·0	36·93	210	165
5.—DUNDALK BAY. 95 sq. mi.								
WESTMEATH. (Area, 712 sq. mi.)								
1.—SHANNON—Left Bank Tributaries. 517 sq. mi.								
D Athlone	Office of Public Works	5	1 0	116	..	37·04	206	175
Athlone (Twyford House)	J. P. Hodson, Esq.	5	1 0	187	37·0	37·71	223	..
D Moate (Coolatore)	H. A. S. Upton, Esq.	5	1 6	369	*33·5*	34·23	236	163
D Mullingar (Belvedere House)	Mr. G. W. Roberts	5	1 0	367	36·3	40·92	222	169
D Mullingar (Ballynegall Gardens)	Major Hawkesworth Smyth.	5	0 9	357	*39·0*	40·56	220	182
D Castlepollard (Pakenham Hall)	The Earl of Longford	5	3 0	300	*36·6*	38·01	228	166
2.—BOYNE. 195 sq. mi.								
LOUTH. (Area, 316 sq. mi.)								
1.—BOYNE. 32 sq. mi.								
2.—DUNDALK BAY & C. 264 sq. mi.								
D Dundalk (Ravensdale)	The Surveyor	8	0 10	200	..	37·13	205	157
3.—CARLINGFORD LOUGH. 20 sq. mi.								
D Greenore	S. Wilson Esq.	5	1 3	20	31·9	34·67	177	146

DIVISION XXI.—LEINSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LONGFORD. (Area, 424 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—ERNE. 61 sq. mi.								
d Granard	Electricity Supply Board...	5	1 6	500	..	36·79	(211)	(163)
2.—SHANNON—Left Bank Tributaries. 363 sq. mi.								
D Ballymahon (New Castle)	Col. W. A. King-Harman..	5	1 0	200	*36·7*	37·40	207	176
Longford (The Rectory)	Rev. H. Justice.....	5	1 0	185	*37·8*	35·04?	221	172
D Cloondrah	Office of Public Works.....	5	1 0	132	*31·5*	32·37	239	154
D Newtownforbes (Cas. F. Gns.)	J. Boyle for The Earl of Granard	8	1 0	154	37·6	37·33	191	180
d Gaigue School	Electricity Supply Board...	5	1 9	390	..	37·42	(182)	(156)

DIVISION XXII.—CONNAUGHT.

GALWAY. (Area, 2377 sq. mi.)

1.—ERIFF & C. 141 sq. mi.								
D Moyard (Ballynakill Rectory)	Rev. B. C. B. Irwin	5	5 3	70	..	58·75	252	225
2.—GALWAY BAY NORTH. 277 sq. mi.								
3.—CORRIB. 846 sq. mi.								
D Galway (Grammar School)	The Headmaster.....	5	1 0	64	40·0	40·79	236	192
D Moycullen (Moycullen Ho.)	Major S. Perry.....	5	1 0	400	..	53·34	249	206
D Ballynahinch Castle	H.H. Maharaja of Nawanagar	5	1 9	41	61·0	69·45	246	231
D Tuam Palace Gardens	G. H. Greenham, Esq.....	5	1 0	140	..	41·25	250	182
4.—GALWAY BAY, SOUTH. 281 sq. mi.								
5.—SHANNON—Right Bank Tributaries. 803 sq. mi.								
D Portumna	Electricity Supply Board...	5	3 0	..	..	31·71	217	157
d Ballinasloe B.N.S.	Electricity Supply Board...	5	..	150	36·7	34·32	..	..
d Ahascragh (Clonbrock) (*new g*)	The Hon. Miss Dillon.....	5	1 0	198	41·6	41·05	..	171
d Mt. Bellew B.N.S.	Electricity Supply Board...	5	2 0	200	..	38·67	(201)	(176)
d Ballygar	Electricity Supply Board...	5	..	200	..	(34·98)	(210)	(158)
d Glenamaddy	Electricity Supply Board ..	5	2 0	..	..	38·58	..	151
6.—INSULAR. 29 sq. mi.								
ROSCOMMON. (Area 961 sq mi.)								
1.—SLIGO BAY. 6 sq. mi.								
2.—MOY. 11 sq. mi.								
3.—CORRIB. 16 sq. mi.								
4.—SHANNON—Right Bank Tributaries. 928 sq. mi.								
D Roscommon	Electricity Supply Board ...	5	..	..	..	36·44	240	216
D Lanesborough	Electricity Supply Board...	5	1 6	140	..	33·80	181	169
D Strokestown (Castlenode)	W. J. Walpole, Esq.....	5	1 6	160	35·0	35·84	214	172
d Castlerea	Electricity Supply Board...	5	0 6	245	..	(37·19)	..	..
MAYO (Area, 2149 sq. mi.)								
1.—SLIGO BAY. 10 sq. mi.								
2.—MOY & C. 797 sq. mi.								
D Castlebar Rectory	Rev. J. Jackson, M.A.....	5	1 0	145	*50·0*	53·45	245	225
D Ballina (The Rectory)	Rev. C. J. A. Harris, B.A. ..	5	1 0	75	..	44·16	240	201

DIVISION XXII.—CONNAUGHT—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in or more.
MAYO—(*con.*).		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
3.—BLACKSOD BAY & C. 411 sq. mi.								
D BLACKSOD POINT	Sub-Postmistress (M.O.)	8	1 0	18	49·7	46·16	245	209
4.—CLEW BAY. 254 sq. mi.								
D Louisburgh (Old Head House)	The Marquess of Sligo	5	1 6	120	..	(51·58)	264	217
D Westport House	The Marquess of Sligo	5	1 0	35	46·6	49·00	242	206
D MALLARANNY	Chief Eng. G.S. Ry. Dublin.	5	1 0	113	*59·8*	61·51	244	226
5.—ERIFF & C. 121 sq. mi.								
D Aasleagh House	The Marquess of Sligo	5	1 0	30	95·2	96·73	267	236
D Delphi Lodge	The Marquess of Sligo	5	1 0	110	99·0	98·24	267	248
6.—CORRIB. 432 sq. mi.								
D Claremorris (Castle MacGarrett)	Lord Oranmore and Browne.	5	1 0	200	..	44·29	240	218
7.—SHANNON—Right Bank Tributaries. 35 sq. mi.								
8.—INSULAR. 89 sq. mi.								
SLIGO. (Area, 716 sq. mi.)								
1.—DROWES & C. 49 sq. mi.								
2.—SLIGO BAY. 444 sq. mi.								
D Collooney (MARKREE CAS.)	The late Mjr. Cooper's Trus.	5	1 0	122	43·3	45·59	241	210
D Sligo (Ard-na-veagh)	R. J. Kirwan, Esq., C.E.	5	1 0	90	*41·6*	44·75	253	205
3.—MOY & C. 166 sq. mi.								
4.—SHANNON—Right Bank Tributaries. 56 sq. mi.								
5.—INSULAR. 1 sq. mi.								
LEITRIM. (Area, 615 sq. mi.)								
1.—ERNE. 152 sq. mi.								
2.—DROWES & C. 85 sq. mi.								
3.—SLIGO BAY. 135 sq. mi.								
4.—SHANNON—Right Bank Tributaries. 47 sq. mi.								
D Drumkeeran (Leckawn)	Electricity Supply Board	5	1 5	350	..	53·18	227	208
5.—SHANNON—Left Bank Tributaries. 196 sq. mi.								
D Ruskey	Office of Public Works	5	1 0	141	..	31·55?	223	205
D Cloone	Electricity Supply Board	5	1 10	210	..	39·85	192	162
d Carrick-on-Shannon (Monastery)	Brother Mark	..	..	..	..	42·33	(174)	(160)
D Drumshanbo (Lough Allen Sluice)	Office of Public Works	5	1 0	169	*36·6*	37·58	237	173

DIVISION XXIII.—ULSTER.

CAVAN. (Area, 753 sq. mi.)								
1.—ERNE. 489 sq. mi.								
D Crossdoney (Kevit Castle)	Dr. F. P. Smith	5	1 0	211	*35·5*	37·27	213	172
2.—SHANNON—Right Bank Tributaries. 34 sq. mi.								
D Glangevlin	Electricity Supply Board	5	2 0	500	..	45·88	189	175
3.—SHANNON—Left Bank Tributaries. 91 sq. mi.								
4.—BOYNE. 122 sq. mi.								
5.—DUNDALK BAY. 17 sq. mi.								

DIVISION XXIII.—ULSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
FERMANAGH. (Area, 713 sq. mi.)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
1.—ERNE. 667 sq. mi.								
D Newtownbutler (Crom Castle)	G. R. J. Corbett, Esq.	5	1 1	200	38·7	39·01	242	179
D Florencecourt	Earl of Enniskillen	5	1 0	274	..	46·11	271	193
D Enniskillen (Castle Coole)	Lady Dorothy Lowry-Corry.	5	1 0	240	*41·0*	36·27	253	176
d Enniskillen (Portora School)	The Headmaster	5	1 0	251	*40·3*	35·55	..	..
D Colebrooke	Sir Basil Brooke, Bt.	5	1 6	250	..	40·17	231	177
D Belleek (Roscor)	Mrs. Dick	5	1 0	500	..	51·97	261	226
D Belleek (Heronshaw)	T. Beacom, Esq.	5	1 2	150	*45·5*	53·07	238	224
D Castle Archdale	Mrs. Archdale	5	1 0	247	..	40·94	226	190
2.—DROWES & C. 46 sq. mi.								
MONAGHAN. (Area, 498 sq. mi.)								
1.—ERNE. 208 sq. mi.								
2.—DUNDALK BAY. 132 sq. mi.								
3.—BANN—Lough Neagh, West. 158 sq. mi.								
ARMAGH. (Area, 514 sq. mi.)								
1.—DUNDALK BAY. 118 sq. mi.								
Crossmaglen (Anamar)	P. Norris, Esq.	5	1 1	384	*36·2*	37·23	..	155
d Newtownhamilton	Government of N. Ireland	5	7 2	675	..	(42·01)	..	..
2.—CARLINGFORD LOUGH. 23 sq. mi.								
D Bessbrook (The Woodhouse)	J. S. W. Richardson, Esq.	5	1 0	260	*37·2*	36·00	190	157
3.—BANN—Lough Neagh, East. 37 sq. mi.								
4.—BANN, UPPER. 144 sq. mi.								
D Markethill (Whitecross)	Government of N. Ireland.	5	0 11	400	..	40·61	234	185
5.—BANN—Lough Neagh, West. 192 sq. mi.								
D Keady (Derrynoose Rec.)	Rev. T. F. Campbell.	5	1 0	380	..	33·38	237	157
D Tynan Abbey	Capt. C. N. L. Stronge	5	1 0	167	..	31·96	207	159
D ARMAGH (Observatory)	(+A) The Dir. of Obsy. (M.O.)	8	1 0	204	31·7	30·24	215	157
D Richhill (Sandymount)	Mrs. C. B. Lamb	5	1 6	200	*29·3*	26·81?	197	148
DOWN. (Area, 961 sq. mi.)								
1.—CARLINGFORD LOUGH. 104 sq. mi.								
D Newry (Bridge Street House)	C. Blaney, Esq.	5	1 0	23	38·1	34·55	186	144
2.—DUNDRUM BAY & C. 173 sq. mi.								
D Silent Valley (Belfast W.W.) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	426	..	49·69	227	168
D Annalong (Belfast W.W.)	C. F. Wheeler, Esq., C.E.	5	2 9	435	*47·5*	45·18	220	171
D Mourne Mount'ns (Fofanny Res.)	J. E. Croasdaile, Esq., M.A.	5	1 0	938	*64·4*	62·67	175	153
D Seaforde	T. W. Forde, Esq.	8	1 0	180	38·3	36·73	204	167
3.—STRANGFORD LOUGH. 260 sq. mi.								
D Strangford	G. L. Hildebrand, Esq.	5	0 8	30	..	29·96	179	143
D Saintfield House	Rev. Canon E. H. Blackwood-Price.	5	0 9	300	*34·9*	34·65	248	162
D Newtownards (Grey Abbey)	H. H. K. Worsley, Esq.	5	0 6	10	..	28·84	191	146
4.—COAST STREAMS. 47 sq. mi.								
D DONAGHADEE (C. Guard Stn.)	The Station Officer (M.O.)	8	1 0	40	31·3	29·84	211	147
D Donaghadee (Craigmore)	The late Dr. S. B. Coates.	5	1 0	60	*30·6*	27·98	199	142
d Donaghadee (Orlock Reservoir)	The Resident Engineer	5	1 0	43	..	(27·31)	..	..

DIVISION XXIII.—ULSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Average Rainfall.	1935: Rainfall.	1935: Days with ·01 in. or more.	1935: Days with ·04 in. or more.
DOWN—(*con.*).		*in.*	*ft.in.*	*ft.*	*in.*	*in.*		
5.—BELFAST LOUGH. 206 sq. mi.								
Annaghanoon	W. J. Gibson, Esq.	5	1 0	200	..	27·23	..	..
D Waringstown (The Forge)	W. J. Gibson, Esq.	5	1 0	187	32·2	29·09	210	162
D Hillsborough (Research Stn.)	The Secretary	5	1 0	388	..	32·52	204	160
6.—BANN—Lough Neagh, East. 7 sq. mi.								
7.—BANN, UPPER. 162 sq. mi.								
Banbridge (Observatory)	H. D. Fleming, Esq.	5	1 6	210	*32·1*	29·90	..	..
D Banbridge (Milltown)	The late J. E. Kennedy, Esq.	5	1 0	200	31·0	24·58	169	137
Portadown (Moyallon House)	Mr. J. Eccles	5	0 7	130	*32·6*	24·01	..	..
8.—INSULAR. 2 sq. mi.								
ANTRIM. (Area, 1193 sq. mi.)								
1.—BELFAST LOUGH. 107 sq. mi.								
D Lambeg (Glenmore House)	Linen Industry Res. Assn.	8	0 11	100	..	36·23	205	158
D Dunmurry (Warren House)	Col. H. R. Charley	5	0 10	110	..	35·16	218	161
D Belfast (Queen's University)	J. A. Badger, Esq.	5	1 0	62	34·5	38·96	210	162
D Belfast (Sewage Works)	R. B. Donald, Esq., C.E.	8	1 0	26	*35·8*	36·09	196	144
D Belfast (Cave Hill Road)	Miss C. Firth	5	1 0	200	*40·2*	42·72	250	171
D Belfast (Oldpark Filters) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	203	..	36·19	181	150
D§Carrickfergus (Dorisland) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	250	..	36·65	197	162
D Carrickfergus (S. Woodburn) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	640	..	42·11	218	179
D Carrickfergus (N. Woodburn) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	735	..	43·31	218	179
D Carrickfergus (Copeland) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	427	..	36·43	220	171
D Carrickfergus (L. Mourne) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	596	..	40·23	222	176
2.—GLENARM & C. 186 sq. mi.								
D Larne (Sallagh Springs)	J. E. Croasdaile, Esq., M.A.	5	1 0	566	*50·0*	49·68	223	188
3.—BUSH & C. 193 sq. mi.								
D Ballycastle (Magherintemple)	Capt. J. Casement, D.S.O.	5	1 0	230	*42·6*	42·95	241	190
4.—BANN, LOWER. 112 sq. mi.								
5.—BANN—Lough Neagh, East. 590 sq. mi.								
D Stoneyford (Belfast W.W.) *new g.*	C. F. Wheeler, Esq., C.E.	5	1 0	453	..	34·75	194	162
D Aldergrove (Aerodrome)	(+A)Meteorological Officer	8	1 0	238	33·0	29·49	211	154
D Randalstown (Hollybrook)	N. F. Webb, Esq.	5	1 0	120	..	35·78	243	177
D Ballymena (Harryville)	J. R. Williams, Esq.	5	1 5	150	41·5	42·59	236	199
D Broughshane (Tullymore Sch.)	E. W. Thomson, Esq.	5	1 2	218	..	38·24?	224	174
D Broughshane (Quolie)	H. O'Hara, Esq., C.E.	5	1 3	864	*47·3*	43·24?	236	201
6.—INSULAR. 5 sq. mi.								
LONDONDERRY. (Area, 816 sq. mi.)								
1.—LOUGH SWILLY. 6 sq. mi.								
D Londonderry (Dunruadh)	J. H. Welch, Esq.	5	0 6	130	*40·6*	42·71	243	193
2.—BUSH & C. 9 sq. mi.								
3.—BANN, LOWER. 240 sq. mi.								
W Upperlands (Ardtara)	H. J. Clark, Esq.	5	1 8	250	..	41·01	..	..
D Garvagh (Moneydig)	J. Porter, Esq.	5	1 0	121	..	40·79	246	183
D Coleraine (Ingledene)	W. R. Johnston, Esq.	5	6 0	55	..	37·71	235	181
4.—BANN—Lough Neagh West. 196 sq. mi.								

§Gauge over-exposed.

DIVISION XXIII.—ULSTER—(*con.*).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge: Height of Rim above Ground.	Rain-gauge: Height of Ground above Sea Level.	Rain-gauge: Average Rainfall.	1935. Rainfall.	1935. Days with ·01 in. or more.	1935. Days with ·04 in. or more.
LONDONDERRY—(*con.*)		*in.*	*ft. in.*	*ft.*	*in.*	*in.*		
5.—FOYLE & C. 365 sq. mi.								
M Glenedra (Spelhoagh Mountain)	W. Criswell, Esq., C.E.	5	1 0	1333	*60·0*	63·32	..	..
M Glenedra Hill	W. Criswell, Esq., C.E.	5	1 0	1333	*62·5*	(66·30)	..	..
M Glenedra Lodge	W. Criswell, Esq., C.E.	5	1 0	950	*55·6*	61·66	..	..
M§Glenedra (Altagarran Mountain)	W. Criswell, Esq., C.E.	5	1 0	1230	..	58·38	..	..
Dungiven (Labbyheige)	W. Criswell, Esq., C.E.	5	1 0	1150	..	58·58	..	..
M Altnaheglish (Altabrogy Burn)	W. Criswell, Esq., C.E.	5	1 0	967	..	59·51	..	..
M Glenedra Intake	W. Criswell, Esq., C.E.	5	1 0	740	..	57·26	..	..
M Altnaheglish (Glack Burn)	W. Criswell, Esq., C.E.	5	1 0	967	..	51·78	..	..
D Dungiven (Banagher Filters)	W. Criswell, Esq., C.E.	5	1 0	373	..	51·80	245	205
D Londonderry (Creggan Res.)	Mr. W. Hutchison	8	1 0	325	41·8	47·10	278	223
D Limavady (Roevista Manse)	Rev. W. Browne	5	1 0	70	*37·0*	36·02	212	173
D Limavady (Drenagh)	M. M. McCausland, Esq.	5	1 6	80	37·0	37·07	237	184
Bellarena	Sir F. G. Heygate, Bt.	5	4 0	12	38·4	37·41	228	..
TYRONE. (Area, 1257 sq. mi.)								
1.—ERNE. 46 sq. mi.								
2.—BANN—Lough Neagh, West. 442 sq. mi.								
D Dungannon (Aloha)	Major R. Stevenson	5	1 0	275	*37·2*	36·80	224	160
D Castlecaulfield (Parkanaur)	Capt. Y. A. Burges	8	0 6	250	..	37·76	230	170
3.—FOYLE. 769 sq. mi.								
D Omagh (Edenfell)	Miss H. M. Buchanan	8	1 0	280	40·1	42·28	246	199
D Newtown Stewart (Barons Ct.)	Capt. E. W. Ross	5	1 0	250	*43·0*	42·12	215	181
D Sion Mills (Sion House)	Capt. J. C. Herdman	5	1 0	100	*39·0*	43·13	234	187
DONEGAL. (Area, 1875 sq. mi.)								
1.—DONAGH & C. 146 sq. mi.								
D Carndonagh (Rocksmount)	Cecil Porter, Esq.	5	1 0	50	..	50·27	238	202
D Malin Head (C. G. Stn.) *New Site*.	P. Farren, Esq., (M.O.)	8	1 0	84	..	39·22	225	180
2.—LOUGH SWILLY. 273 sq. mi.								
D Rathmullen (Fort Royal)	Col. J. H. Jellett	5	1 0	35	*42·5*	43·74	249	196
D Buncrana Rectory	Rev. R. P. Meredith	5	1 0	50	..	42·51	253	190
3.—SHEEPHAVEN & C. 307 sq. mi.								
D Dunfanaghy (St. Patrick's)	W. T. Arnold, Esq	..	..	..	*43·0*	40·09	253	215
Mulroy Gardens	Earl of Leitrim	5	0 4	50	..	48·58	..	..
D Rosapenna Hotel	Rosapenna Hotel Co.	5	1 0	30	..	37·65	219	173
4.—GWEEBARRA & C. 341 sq. mi.								
5.—DONEGAL BAY. 322 sq. mi.								
d Dunkineely (Killaghtee Ho.)	Rev. Canon J. C. Steele*	5	1 0	148	..	45·85	(249)	(211)
D Killybegs (Rockmount)	Rev. J. J. Brennan	5	1 0	65	60·5	41·69	230	208
6.—ERNE. 68 sq. mi.								
7.—DROWES & C. 10 sq. mi.								
8.—FOYLE. 396 sq. mi.								
9.—INSULAR. 12 sq. mi.								

* *per* Royal Meteorological Society. § Gauge over-exposed on Moor.

BRITISH RAINFALL

1935

PART IV

CLASSIFICATION OF HEAVY FALLS IN SHORT PERIODS.

REVISION OF THE CURVES SHOWING THE LOWER LIMITS OF "NOTEWORTHY," "REMARKABLE" AND "VERY RARE" FALLS.

By E. G. BILHAM, B.Sc.

1. *Historical.*—The collection of information in regard to heavy falls of rain in short periods has always been an important part of the work of the British Rainfall Organization. In *British Rainfall,* 1888, G. J. Symons published an analysis of the intense falls reported during the 10 years, 1879–1888 and gave a diagram on which two curves were drawn with rainfall in inches as ordinate and time in minutes as abscissa. The lower curve showed the limits of rainfall in given times which should be exceeded if, according to Mr. Symons' experience, the fall was to be regarded as worthy of tabulation in the Section of *British Rainfall* devoted to heavy falls in short periods. The upper curve similarly defined the limits of rainfall which should be exceeded if the fall was to be "starred" in the list as "exceptional." The diagram referred to durations up to 2 hours; some details of the two curves, and of later curves mentioned in this paragraph are given in Table I.

In 1894* Symons revised the two curves and extended the "noteworthy" curve to include durations up to 12 hours.

In 1898 Symons gave the following table defining the limits of noteworthy and exceptional falls with duration up to 2 hours.

	Noteworthy.	*Exceptional.*
In 15 minutes	·34 to ·75 ..	Above ·75
,, 30 ,, ...	·51 ,, 1·25 ..	,, 1·25
,, 45 ,, ...	·66 ,, 1·60 ..	,, 1·60
,, 1 hour	·76 ,, 1·75 ..	,, 1·75
,, 2 hours	1·01 ,, 2·20 ..	,, 2·20

Except that the limit for a fall lasting 120 minutes was raised from ·85 inch to 1·01 inch Symons' views as to the appropriate limits of intensity appear to have been nearly the same in 1898 as in 1888.

In 1908, H. R. Mill reviewed the whole of the data for the period 1879–1908 and published a new table and diagram referring to falls with duration up to 60 minutes. He distinguished three classes of exceptional falls, viz., "noteworthy," "remarkable" and "very rare." In 1915 he extended the diagram and table to durations up to 120 minutes, explaining that the complete table had actually been prepared in 1908, but was not published pending the accumulation of

* The references in this paragraph are all to volumes of *British Rainfall* relating to the years mentioned.

Table I.—*Limits used for defining rainfall of special intensity in past years; (amounts in inches)**

Authority.	Description.	10 mins.	20 mins.	30 mins.	40 mins.	50 mins.	60 mins.	90 mins.	2 hrs.	3 hrs.	4 hrs.	6 hrs.	9 hrs.	12 hrs.
Symons .	Noteworthy .	·29	·42	·50	·59	·65	·72	·80	·85					
1888 .	Exceptional .	·50	·88	1·10	1·40	1·60	1·80	2·07	2·20					
Symons .	Noteworthy .	·25	·40	·50	·60	·70	·75	·88	1·00	1·20	1·35	1·60	1·85	2·00
1894 .	Exceptional .	·75	1·00	1·25	1·50	1·70	1·80	2·10	2·20					
Mill .	Noteworthy .	·30	·53	·70	·82	·92	1·00	1·15	1·23					
1908† .	Remarkable	·65	1·06	1·35	1·54	1·67	1·75	1·89	1·94					
	Very Rare .	1·00	1·58	2·00	2·26	2·42	2·50	2·60	2·65					

* The values given in the above table have in most cases been read from curves published in *British Rainfall*.
† The data relating to durations above 60 minutes were not published until 1915.

Table III.—*Computed amounts of rain falling in stated times.*

Frequency	*n*	5 min. or less.	10 min. or less.	15 min. or less.	20 min. or less.	30 min. or less.	45 min. or less.	60 min. or less.	90 min. or less.	120 min. or less.
		in.	in.	in.	in.	in.	in.	in.	in.	in.
One day a year	10	·18	·23	·28	·31	·36	·41	·46	·52	·58
One day in 2 years	5	·24	·31	·36	·40	·46	·52	·58	·66	·72
One day in 5 years	2	·33	·43	·49	·55	·62	·71	·78	·88	·98
One day in 10 years	1	·43	·54	·62	·68	·77	·88	·97	1·10	1·20
One day in 20 years	0·5	·54	·68	·78	·85	·97	1·10	1·20	1·36	1·47
"*British Rainfall*" Curves (1908)										
Noteworthy.....		·16	·30	·44	·53	·70	·88	1·00	1·15	1·23
Remarkable		·37	·65	·87	1·06	1·35	1·60	1·75	1·89	1·94
Very Rare		·58	1·00	1·33	1·58	2·00	2·35	2·50	2·60	2·65

additional data which might have indicated the need for modifications of the curves in the region 60 minutes to 120 minutes. The diagram and table published in 1915 have formed the basis of the classification of heavy falls in short periods down to the present date and a copy of the diagram will be found in Part II., Section 6 of this Volume.

2. *Criticism of existing curves.*—The following remarks were published in *British Rainfall*, 1926 :—

> " The diagram was prepared almost exclusively from eye observations of rainfall duration and from corresponding measurements of rainfall in ordinary rain-gauges. An observer, who would normally not be keeping a special lookout on the weather, would have his attention attracted by an unusually heavy shower. He would probably at first take only a casual interest, but if the shower persisted or if the rain became more intense, he would note the exact time, hasten to the gauge in the downpour and measure the quantity of rain already there. Then he would watch the storm, and at the end of it, or when the rain began to abate, he would again note the time and make another measurement of the rain. Some observers would go through this routine whenever an unusual shower occurred, others would not do so until it became apparent that the storm was one of unprecedented duration and intensity. An exceptionally protracted and intense rain storm, though relatively infrequent would receive much more general attention from observers than one of short duration. It is, therefore, to be expected that the curved lines of the diagram which are based on the relative frequency with which the different intensities of rain were reported by observers, would tend to be too flat and too low down at the left-hand side near the origin of diagram or place of zero time and zero rainfall, and to approach more nearly to the correct shape at the right-hand side, corresponding with longer durations.
>
> " In recent years many self-recording rain-gauges have been installed in various parts of the country, and the annual tables of heavy falls in short periods have included a number of instances which have been derived from the records of these instruments. An inspection of these tables shows that the expectation set out in the previous paragraph is actually fulfilled, for the instances of heavy falls in short periods up to 10 or 12 minutes published in recent years are derived nearly entirely from the self-recording instruments, while the entries for the longer periods continue to be derived from measurements made by observers who have no autographic rain-gauges. The frequency with which heavy falls occur in periods of 10 or 12 minutes or less is, therefore, appreciably greater than the older eye observations indicated, and it is necessary to review the position."

3. *Frequency of intense falls.*—The curves used hitherto for defining exceptional falls in the three categories are purely empirical, and so far as is known, no attempt has been made to ascertain what they represent in terms of frequency. For example, an inch of rain in an hour represents a point on the 1908 " noteworthy " curve, but no indication was given when the curve was published as to how often an inch of rain might be expected to fall in an hour or less at a representative station. Such information could not, in fact, have been given because it was not available. To obtain the necessary information it is necessary to carry out a systematic examination of the records of autographic rain-gauges at a number of stations for a period of years. Such a systematic examination has been in progress since 1925, when a table was introduced in *British Rainfall* (Table XVI) showing for certain stations the number of days in the year on which falls of stated amounts occurred in specified times. The amounts and times are shown by the column headings in Table II which is a summary of results for the 10 years 1925–1934. (This table was printed in *British Rainfall,* 1934, as Table XVI (b).)

The revision of what we may call the " classification diagram " is based entirely on the data summarised in Table II, and it is necessary that the reader should be quite clear as to what the figures represent, if the following discussion is to be understood. It may be stated, therefore, that the starting point is a form (Form 3441) on which certain observers who have autographic rain-gauges are asked, among other things, to state the minimum duration of falls of 5 mm. (0·2 inch) 10 mm. (0·4 inch) and 25 mm. (1·0 inch), on every day that such falls occur. Details of the procedure are given in the following extract from the instructions printed on the back of the form :—

> *Minimum duration of falls of* 5 *mm.*, 10 *mm.*, 25 *mm.*—It is necessary to find the shortest interval of time in which the specified amount has fallen. This interval is ascertained by direct examination of the curves. It will not necessarily include the beginning or the end of the total fall. Let us denote a point on the trace by R, the amount of precipitation in millimetres recorded up to the point. Then the part of the trace must be selected which has the steepest mean slope from the point R to the point R+5 or from the point R′ to the point R′+10 and so on.
>
> The fall need not be continuous, but if it is not continuous, the period of any break or breaks must be reckoned as part of the duration if the breaks occur between periods of precipitation contributing to the 5 mm., 10 mm., or 25 mm. concerned. It need not be confined to one calendar day, but no portion of the record should be used twice for estimates of minimum duration on two consecutive days. If it occupies parts of two days, the entry

Table II.—*Total number of days on which specified amounts of rain fell in specified times during the* 10 *years* 1925 *to* 1934.

County.	Place.	Average Annual Rainfall in.	0·2 inch.				0·4 inch.				1 inch.			
			6 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	2 hours or less.	1 hour or less	2 hours or less.	5 hours or less.	24 hours or less.
London ..	Camden Square	24·5	3	21	40	77	4	10	16	25	3	3	4	13
Surrey ..	Croydon	26·7	9	20	51	96	1	6	14	37	0	1	4	25
,, ...	Kew Observatory	23·8	16	28	44	85	6	13	18	34	4	4	5	15
Kent	Lympne	28·5	10	24	57	113	7	12	15	38	0	0	6	27
Hants	Calshot	25·5	6	18	42	94	6	11	20	31	0	2	7	26
,, ...	South Farnborough	26·1	12	29	58	97	4	9	19	39	2	2	4	25
Suffolk ..	Felixstowe	20·3	9	20	41	65	4	6	14	24	1	1	3	8
Devon....	Mount Batten	33·1	6	16	43	117	3	7	15	41	0	1	8	44
Lincoln ..	Cranwell	23·2	9	16	36	64	2	5	8	23	2	2	3	12
Lancashire	Southport	32·0	7	18	40	106	4	5	8	30	0	1	2	25
Flint	Sealand	26·0	7	18	29	73	4	5	10	27	1	1	2	16
Anglesey..	Holyhead	34·9	4	19	48	121	0	3	11	44	0	0	5	36
Dumfries	Eskdalemuir Observatory	56·3	10	28	82	243	3	9	25	111	1	1	21	141
Renfrew	Renfrew (Abbotsinch)....	37·0	9	17	38	110	5	7	10	40	0	1	4	37
Fife	Leuchars	25·7	11	19	32	65	4	7	10	25	1	1	3	26
Aberdeen	Aberdeen Observatory ..	29·5	6	18	35	89	1	2	6	19	0	0	7	29
Co. Kerry	Valentia Observatory ..	55·7	4	16	66	194	3	4	16	75	0	0	5	80
Co. Armagh	Armagh	31·7	6	26	42	84	3	11	15	26	1	1	4	14
Mean for England and Wales (12)		27·0	8·2	20·6	44·1	92·3	3·8	7·7	14·0	32·7	1·0	1·5	4·4	22·7
Mean for Scotland and Ireland (6)		39·3	7·7	20·7	49·2	130·8	3·2	6·7	13·7	49·3	·5	·7	7·3	54·5
Mean for British Isles (18).....		31·1	8·0	20·6	45·8	105·2	3·6	7·3	13·9	38·3	·9	1·2	5·4	33·3

of duration should be made to the day which contributes the greater share to the amount of fall.

The minimum duration should be entered in hours and minutes. The accuracy with which the duration is estimated needs to be greater for small periods than for long periods: for very short durations, an effort should be made to give the duration to the nearest $\frac{1}{2}$ minute: for durations of more than an hour, it is sufficient to give the duration to the nearest 6 minutes.

No entry need be made if the duration exceeds 24 hours.

From data compiled in this way it is possible at the end of the year to ascertain the number of days on which 5 mm. (0·2 inch) of rain has fallen in 6 minutes or less, 15 minutes or less, 30 minutes or less, and 60 minutes or less, and to obtain, in a similar way, the entries corresponding to the other categories in Table II. In that way we have derived the data published year by year in Table XVI of British Rainfall. It is necessary to emphasize the following points:—

(*a*) The data refer to the number of *days* on which the specified falls have been registered, notwithstanding the fact that two or more falls qualifying for inclusion might have occurred in different showers on the same day.

(*b*) The rainfall of a given day may give rise to entries in more than one column, and it is, indeed, possible for a single shower to give rise to an entry in every column. If the shower includes a period during which 5 mm. (0·2 inch) fell in 6 minutes or less, there will be an entry in the column so headed, but the fall will also clearly qualify for inclusion under the headings 5 mm. in 15 minutes or less, 5 mm. in 30 minutes or less and 5 mm. in 60 minutes or less. The extreme case arises when 25 mm. (1 inch) of rain falls in 30 minutes or less. During such a shower 0·2 inch falls in 6 minutes or less, and 0·4 inch falls in 12 minutes or less; consequently there will be an entry in every one of the twelve columns included in the table. The same would happen on an occasion when 1 inch falls in up to 60 minutes, provided that the limits of 0·2 inch in 6 minutes and 0·4 inch in 15 minutes are reached during some portion of the shower.

In the annual volumes of *British Rainfall*, data for about 20 stations have usually appeared in Table XVI. For the 10 years 1925–1934 the series is complete for 18 stations, and for these stations the totals for the 10 years are given in Table II.

The geographical distribution of stations is by no means ideal. The table includes only two wet stations, Eskdalemuir and Valentia and it will be seen at once that the results for these stations are outstanding in respect to the high frequency of falls in the last column of each group. At Eskdalemuir there is also a high frequency of falls of

0·2 inch in 30 minutes or less,* 0·4 inch in 60 minutes and 1·0 inch in 5 hours. Of the stations in England and Wales, none has an average annual rainfall exceeding 35 inches, and although the results show a considerable amount of variation from station to station there is no very clear evidence of geographical influence in respect to the frequency of intense falls. The figures for the Scottish and Irish stations, other than Eskdalemuir and Valentia, show a general resemblance to those for England and Wales. It is concluded, therefore, that useful deductions in regard to the frequency of intense falls over the drier areas of the British Isles may be obtained by adopting the average values for the 12 stations in England and Wales as a basis for investigation.

4. *Form of the relation between rainfall, time and frequency.*—An examination of the averages for England and Wales (Table II) indicates that for a given amount of rain the frequency is directly proportional to the time. Thus, if t is time in hours and n is the number of occurrences in 10 years, very fair agreement with the actual results is given by

$n = 90\,t$ for falls of 0·2 inch.
$n = 15\,t$,, ,, ,, 0·4 ,,
$n = 9\,t$,, ,, ,, 1·0 ,,

The general form of the relation between n, t and r (rainfall in inches) is therefore

$$n = t\,f(r)$$

where $f(r)$ is a function of r which has the value of 90 when r is 0·2, 15 when r is 0·4 and 9 when r is 1·0. A good fit is given by the equation

$$n = 1{\cdot}25\,t\,(r+{\cdot}1)^{-3{\cdot}55} \qquad (1)$$

$$\text{or } \log n = {\cdot}0952+\log t-3{\cdot}55\log(r+{\cdot}1) \qquad (2)$$

The actual values of n and those calculated by the above formula are shown below :—

	Actual	*Calculated.*
0·2 inch in 6 min. or less ..	8·2 ..	8·9
0·2 ,, 15 ,, ,, ..	20·6 ..	22·3
0·2 ,, 30 ,, ,, ..	44·1 ..	44·6
0·2 ,, 60 ,, ,, ..	92·3 ..	89·3
0·4 ,, 15 ,, ,, ..	3·8 ..	3·7
0·4 ,, 30 ,, ,, ..	7·7 ..	7·3
0·4 ,, 60 ,, ,, ..	14·0 ..	14·6
0·4 ,, 2 ,, ,, ..	32·7 ..	29·2
1·0 ,, 1 hour or less ..	1·0 ..	0·9
1·0 ,, 2 hours or less ..	1·5 ..	1·8
1·0 ,, 5 ,, ,, ..	4·4 ..	4·5
1·0 ,, 24 ,, ,, ..	22·7 ..	21·4

* The addition of the words "or less" is implied whenever a reference occurs in this article to the time occupied by a fall of stated amount.

The formula has been established from records covering the period of ten years 1925–1934 and its validity for general adoption rests on the assumption that these ten years were typical in respect to the incidence of intense rainfalls. This assumption may be tested by comparing values calculated from the formula with those derived from a recent analysis* of the Kew Observatory records covering the period of 50 years 1878–1927. The analysis refers to the frequency of falls of 1·0 inch in various times from 1 hour to 48 hours, and the results of the comparison are as follows :—

Kew Observatory, frequency in days per 10 *years of falls of* 1·0 *inch within stated times.*

Time in hours	1	2	5	8	16	24	48
Frequency, calculated ...	0·9	1·8	4·5	7·2	14·4	21·4	42·8
,, observed	0·6	2·2	5·6	7·4	14·6	20·8	35·6

The agreement may, on the whole, be regarded as satisfactory.

5. *Constant-frequency graphs.* From equations (1) or (2) we may proceed to determine the relation between r and t for any fixed value of n. The curve representing such a relationship may be called a " constant-frequency " graph, because it is a line joining points representing rainfalls having a uniform frequency of incidence. Having drawn a series of such graphs we shall be in a position to assess the merits of the existing *British Rainfall* curves and to consider the direction in which changes should be made.

In drawing the graphs it is convenient to use logarithmic scales for both r and t, because the graphs approximate closely to straight lines when plotted in this way. Assuming that the formula given in para. 4 applies to combinations of n, r and t lying somewhat beyond the range of the original data, I have drawn curves corresponding to

$n = 10$ (one day a year).
$n = 5$ (one day in 2 years).
$n = 2$ (one day in 5 years).
$n = 1$ (one day in 10 years).
$n = \frac{1}{2}$ (one day in 20 years).

These are shown in Fig. 1 along with the curves hitherto used for the classification of heavy falls in short periods. The computed values of rainfall in times up to 2 hours are given in Table III.

6. *Revised definition of " Noteworthy " falls.*—A term such as " noteworthy " must inevitably be associated with some fairly definite idea of rarity. If, as in the present connexion, we make use of the

* *British Rainfall*, 1934, Part IV.

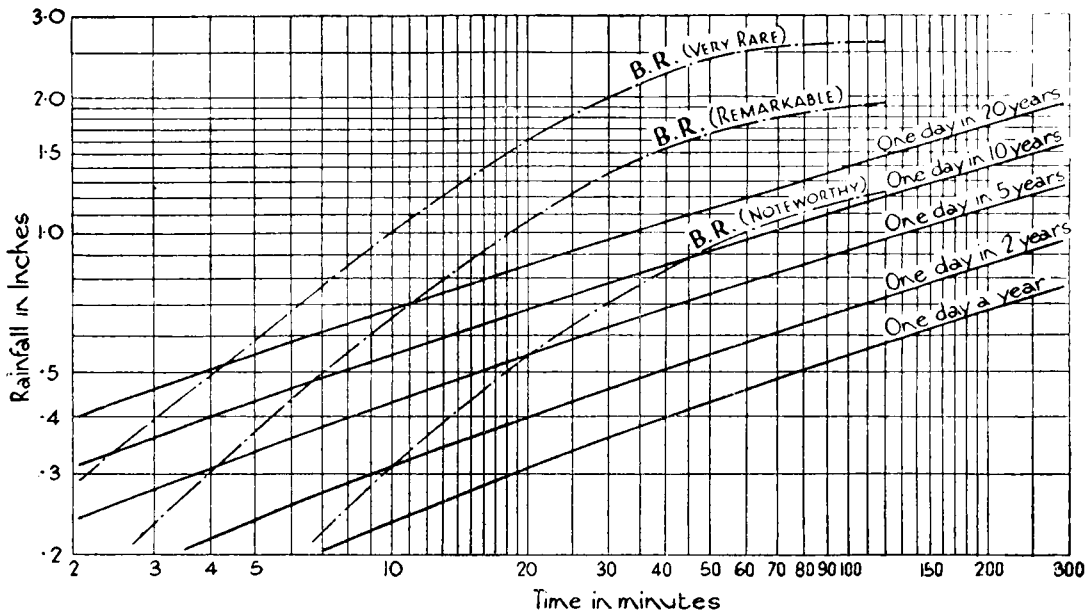

Fig. 1.—Constant frequency graphs and existing curves used for classifying intense falls.

term to distinguish a certain class of meteorological events, it is clearly desirable that the selected events should all have a similar degree of rarity. An examination of Fig. 1 shows at once that the existing curves do not fulfil this requirement. Take for example the "noteworthy" curve; it passes through the point representing 1 inch of rain in 60 minutes, and we see by reference to the family of constant-frequency graphs that such a fall occurs on one day in rather more than 10 years at the average station. The same curve, however, passes through the point representing 0·3 inch in about $9\frac{1}{2}$ minutes and we see that a fall of this class occurs as often as one day in 2 years. If we apply the term "noteworthy" to a fall of 1 inch in 60 minutes it is clearly wrong to apply the same term to a fall of 0·3 inch in $9\frac{1}{2}$ minutes, which occurs five times as often.

This examination fully confirms the criticism quoted in para. 2 and it is easy to see why the use of the present classification diagram has resulted in the inclusion among "noteworthy" falls of an excessive number of falls of short duration.

The problem of drawing a revised and improved "noteworthy" curve is now reduced to that of making a suitable selection from the family of constant-frequency graphs. In the interests of historical continuity it is clearly desirable that the new curve should not substantially modify the criteria in respect to falls of appreciable duration. This requirement is met by the graph corresponding to $n = 1$. Reference to Table III or to Fig. 1 shows that for falls lasting 30 to 120 minutes this graph does not differ much from the old "note-

worthy " curve. It has therefore been decided to adopt the constant frequency graph representing $n = 1$ as the lower limit of " noteworthy " falls, as from 1st January, 1936.

For practical purposes associated with the classification of intense falls the mere fact that the new limiting curve is a constant-frequency graph is its most important feature. It is desirable however to add a few remarks which apply (with numerical modification) not only to this graph but to constant-frequency graphs in general. It has been stated that the selected graph represents the frequency $n = 1$ or " one day in 10 years." The attachment of this label to the graph does *not* mean, however, that a fall exceeding the specified limits will occur at an individual station only once in 10 years, on the average. To make this clear let us consider a particular point on the $n = 1$ graph, say the point $r = 1{\cdot}10$ inch, $t = 1{\cdot}5$ hours (90 minutes). The fact that this point lies on the $n = 1$ graph implies that on one day in 10 years the average station will experience a fall of 1·10 inch in 90 minutes or less, and we now say that that shall be classed as a " noteworthy " fall. But the station will also experience falls, also qualifying for the " noteworthy " class, in which the amount is under 1·10 inch. For example, once in 10 years it will experience a rain in which ·54 inch falls in 10 minutes or less, and that will also be called a " noteworthy " fall. In brief, if we take any selected point on the $n = 1$ curve and fix that as the sole criterion for a " noteworthy " fall we shall record one " noteworthy " fall per station per 10 years (assuming that all stations possess recording raingauges and that the records are closely scrutinised). When, as is the actual practice, we use the entire curve, instead of a selected point on it, as the basis of classification, the number of " noteworthy " falls must obviously be greater. How much greater we cannot say with certainty, but it may be remarked that at Camden Square 6 falls lying above the $n = 1$ graph were recorded in the 41 years, 1894–1934, giving an average of approximately one in 7 years.

7. *" Remarkable " and " Very Rare " Falls.*—It is now necessary to consider the possibility of replacing the existing curves defining the limits of " remarkable " and " very rare " falls by constant-frequency graphs derived from equation (1). This involves the assumption that the formula is applicable to combinations of r and t lying entirely outside the range covered by the data from which the equation was derived. We are obliged, however, to make this assumption if progress is to be made, and we shall at least be able to judge of its validity by seeing if the results look reasonable.

It is first necessary to decide upon the appropriate values of n, and in this respect guidance is obtainable from past experience with the existing curves. By counting up the entries in *British Rainfall*, Table XV (a) during the nine years 1926–1934, I find that out of

347 eye-readings above the " noteworthy " limit, 93 were above the " remarkable " limit and 23 were above the " very rare " limit. These figures are approximately in the ratio of 16 : 4 : 1, and it was thought desirable that the new curves should be selected to give about the same distribution. Having selected " one day in 10 years " ($n = 1{\cdot}0$) for " noteworthy," we therefore take " one day in 40 years " ($n = 0{\cdot}25$) for " remarkable " and " one day in 160 years " ($n = {\cdot}0625$) for " very rare."

Computing from the formula we find that $n = 0{\cdot}25$ gives the following amounts of rain in stated times ; the amounts represented by the old " remarkable " curve are added for comparison :

	5 min. or less.	10 min. or less.	20 min. or less.	30 min. or less.	60 min. or less.	90 min. or less.	120 min. or less.
$n = 0{\cdot}25$	·68	·85	1·06	1·19	1·48	1·67	1·82
" remarkable " curve	·37	·65	1·06	1·35	1·75	1·89	1·94

It will be seen that the two curves give the same value at 20 minutes. For falls of longer duration the constant-frequency graph $n = 0{\cdot}25$ represents distinctly lower amounts of rainfall, the maximum difference occurring at about 60 minutes. For durations shorter than 20 minutes $n = 0{\cdot}25$ gives much higher amounts of rainfall than the old curve, which was to be expected. Actually, the value for 5 minutes (·68 inch) exceeds that formerly specified as very rare (·58 inch).

If a value of n had been selected to give agreement with the old " remarkable " curve at 30 minutes instead of at 20 minutes a closer approximation to the old curve over the range 30 minutes to 120 minutes would have been obtained. The raising of the limiting values below 30 minutes would however, be increased to an undesirable extent. On the whole, therefore, the graph representing $n = 0{\cdot}25$ may be regarded as a satisfactory basis for defining the lower limits of " remarkable " falls.

Similarly $n = 0{\cdot}0625$ gives the results shown below, as compared with the old " very rare " curve :

	5 min. or less.	10 min. or less.	20 min. or less.	30 min. or less.	60 min. or less.	90 min. or less.	120 min. or less.
$n = {\cdot}0625$	1·06	1·31	1·61	1·82	2·24	2·52	2·73
" very rare " curve	·58	1·00	1·58	2·00	2·50	2·60	2·65

In this case, agreement with the old curve is exact for a duration of about 22 minutes and also for a duration about 110 minutes. At other points between 20 minutes and 120 minutes the differences are not serious. For durations below 20 minutes the graph $n = {\cdot}0625$ gives substantially higher values than the old " very rare " curve, as was to be expected and to be desired.

At first sight it might appear that the specification " 1·06 inch in 5 minutes or less " represents a rainfall deserving an epithet such a " phenomenal " rather than " very rare." Unless our calculations have led us altogether astray, however, there is no reason to suppose that such a fall is rarer than a fall of 2 inches in 40 minutes, which has hitherto been classed as only " remarkable." It is true enough that a fall of an inch in 5 minutes has only been reported on one or two occasions, but it may be remarked that we really have very little information in regard to the intensities of rainfall during the most severe periods of falls which have yielded totals of two or three inches within an hour or so.

If we extend the calculations to durations shorter than 5 minutes, we do, however, get results which are opposed to experience. For example $n = \cdot0625$ gives 0·8 inch in 2 minutes and we have no direct evidence of falls of this intensity in the British Isles. It appears therefore that our fundamental formula (equation 1) breaks down for low values of t when n is very small. It has been decided therefore to use the curves based on $n = 1$, $n = 0{\cdot}25$, and $n = \cdot0625$ to classify heavy falls lasting 5 minutes or more, but not to extend them to lower durations. It is indeed, almost impossible to determine with any accuracy amounts falling in times less than 5 minutes with the ordinary form of recording raingauge, in which the time scale is such that 5 minutes is represented by about 1 mm. on the chart, and for that reason it has never been possible to feel much confidence in records of heavy rains having durations of the order of a minute or two. The only form of rain-recorder competent to give reliable information in this respect is the " minute-by-minute " gauge described by Dr. F. J. W. Whipple in the *Meteorological Magazine*, 1934, p. 157, but only one specimen of this form of gauge is in existence.

In favourable circumstances it is possible to say from the trace of an ordinary recording gauge that a particular fall occupied less than 5 minutes, but it would hardly ever be possible to say for certain that the duration was 2 minutes and not 1 minute or 3 minutes.

These considerations suggest that there is no real utility in extending the curves to durations below 5 minutes. For the three new curves the corresponding amounts of rain are approximately ·4 inch (11 mm.) ·7 inch (17 mm.) and 1·06 inch (27 mm.) and these are not obviously unreasonable. The examination of the record should include the determination of the minimum durations of these amounts of rainfall ; if the observer feels reasonably certain that the fall occurred in 5 minutes or less it should be labelled " noteworthy," " remarkable " or " very rare " as the case may be, if such labelling has not already been arrived at on the basis of larger amounts of rain included in the same record. This procedure simplifies the task of the observer, or of the officer whose task it is to classify the falls, but its

adoption means that no falls of less than the amounts named will in future appear in the lists of exceptional falls.

The question of extending the working curves to duration beyond 2 hours has been considered, but this change is not regarded as desirable. We shall, however, add at the end of Table XV(a) a list of falls lasting for more than 2 hours at a mean rate of at least ·59 inch per hour. This is the limiting intensity (see Table IV) which entitles a fall lasting 120 minutes to be classed as "noteworthy." When this intensity is maintained for *more* than 2 hours it is obvious that a noteworthy fall has occurred and it would be wrong to exclude such entries merely because the duration of 2 hours was exceeded. In the case of Table XV(b) the point does not arise because the actual maximum amount which fell in 2 hours can be determined from the autographic record.

8. *Specifications of Revised Limits.*—The equations representing the curves now proposed for the definition of exceptional rainfalls in short periods are obtained by putting $n = 1{\cdot}0$, $0{\cdot}25$ and $0{\cdot}0625$ in equations (1) and (2). After reduction they become

$$\textit{Noteworthy}\quad r = {\cdot}336\ T^{\cdot 282} - {\cdot}1$$
$$\textit{Remarkable}\quad r = {\cdot}497\ T^{\cdot 282} - {\cdot}1$$
$$\textit{Very rare}\quad r = {\cdot}734\ T^{\cdot 282} - {\cdot}1$$

where r is rainfall in inches and T is time in *minutes*.

The values of r in inches and millimetres for times 5, 10, 20—110, 120 minutes are given in Table IV and the curves are shown in Fig. 2 (inch units) and Fig. 3 (millimetre units).

Table IV.—*Revised lower limits of intense Rainfalls for purposes of classification.*

Time	Noteworthy			Remarkable			Very Rare		
	Amount		Rate	Amount		Rate	Amount		Rate
mins.	in.	mm.	in./hr.	in.	mm.	in./hr.	in.	mm.	in./hr.
5 or less ..	·43	10·9	5·16	·68	17·3	8·16	1·06	26·8	12·72
10 ,, ..	·54	13·8	3·24	·85	21·6	5·10	1·31	33·2	7·86
20 ,, ..	·68	17·3	2·04	1·06	26·8	3·18	1·61	40·9	4·83
30 ,, ..	·77	19·7	1·54	1·19	30·3	2·38	1·82	46·2	3·64
40 ,, ..	·85	21·6	1·27	1·30	33·2	1·95	1·98	50·3	2·97
50 ,, ..	·91	23·2	1·09	1·40	35·6	1·68	2·12	53·8	2·55
60 ,, ..	·97	24·5	·97	1·48	37·6	1·48	2·24	56·8	2·24
70 ,, ..	1·01	25·7	·87	1·55	39·4	1·33	2·34	59·5	2·01
80 ,, ..	1·05	26·8	·79	1·61	40·9	1·21	2·44	61·9	1·83
90 ,, ..	1·09	27·8	·73	1·67	42·4	1·11	2·52	64·0	1·68
100 ,, ..	1·13	28·8	·68	1·72	43·8	1·03	2·60	66·0	1·56
110 ,, ..	1·16	29·6	·63	1·77	45·0	·97	2·67	67·8	1·46
120 ,, ..	1·19	30·4	·59	1·82	46·2	·91	2·73	69·4	1·37

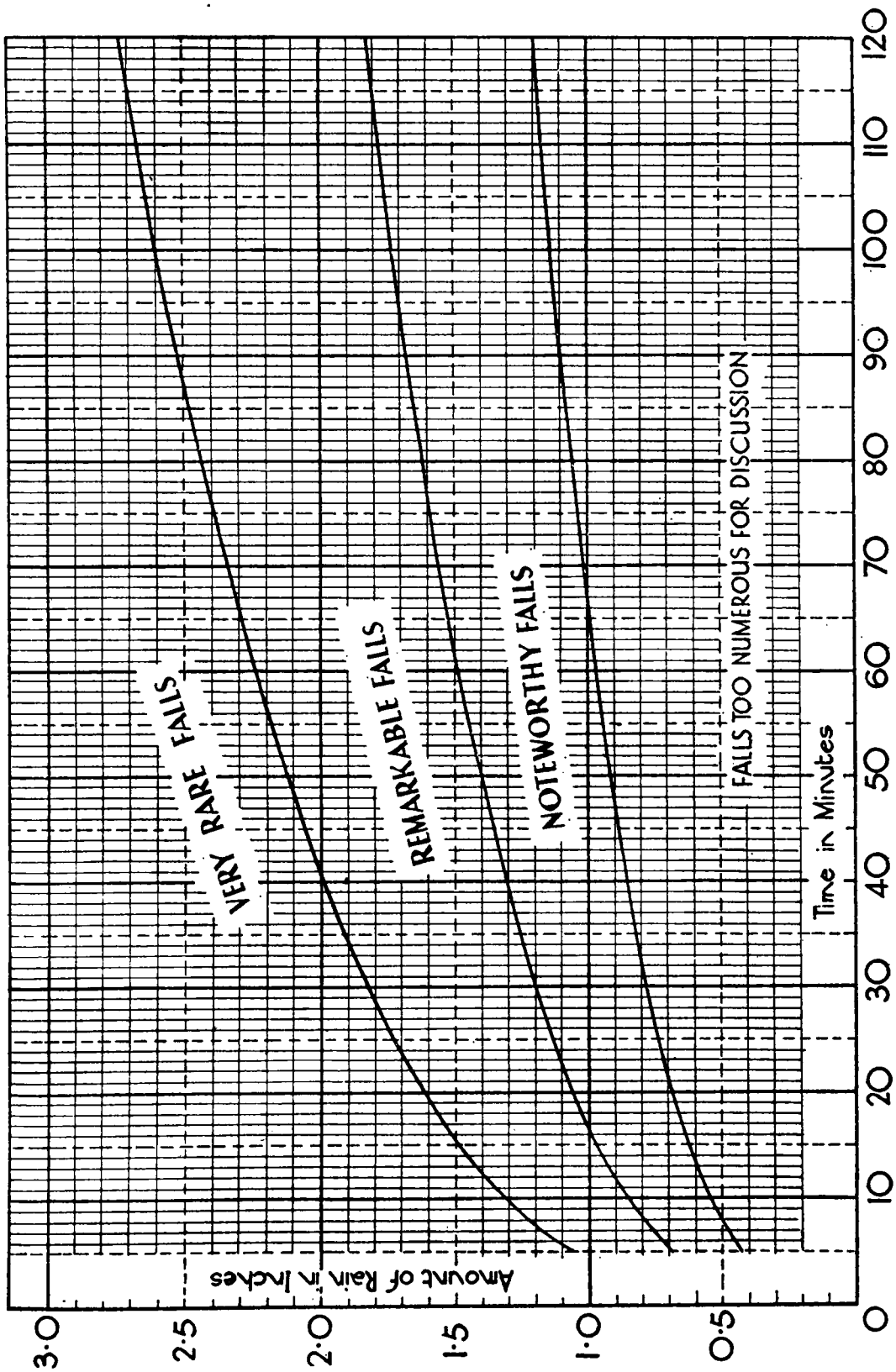

Fig. 2.—Revised classification diagram—rainfall in inches.

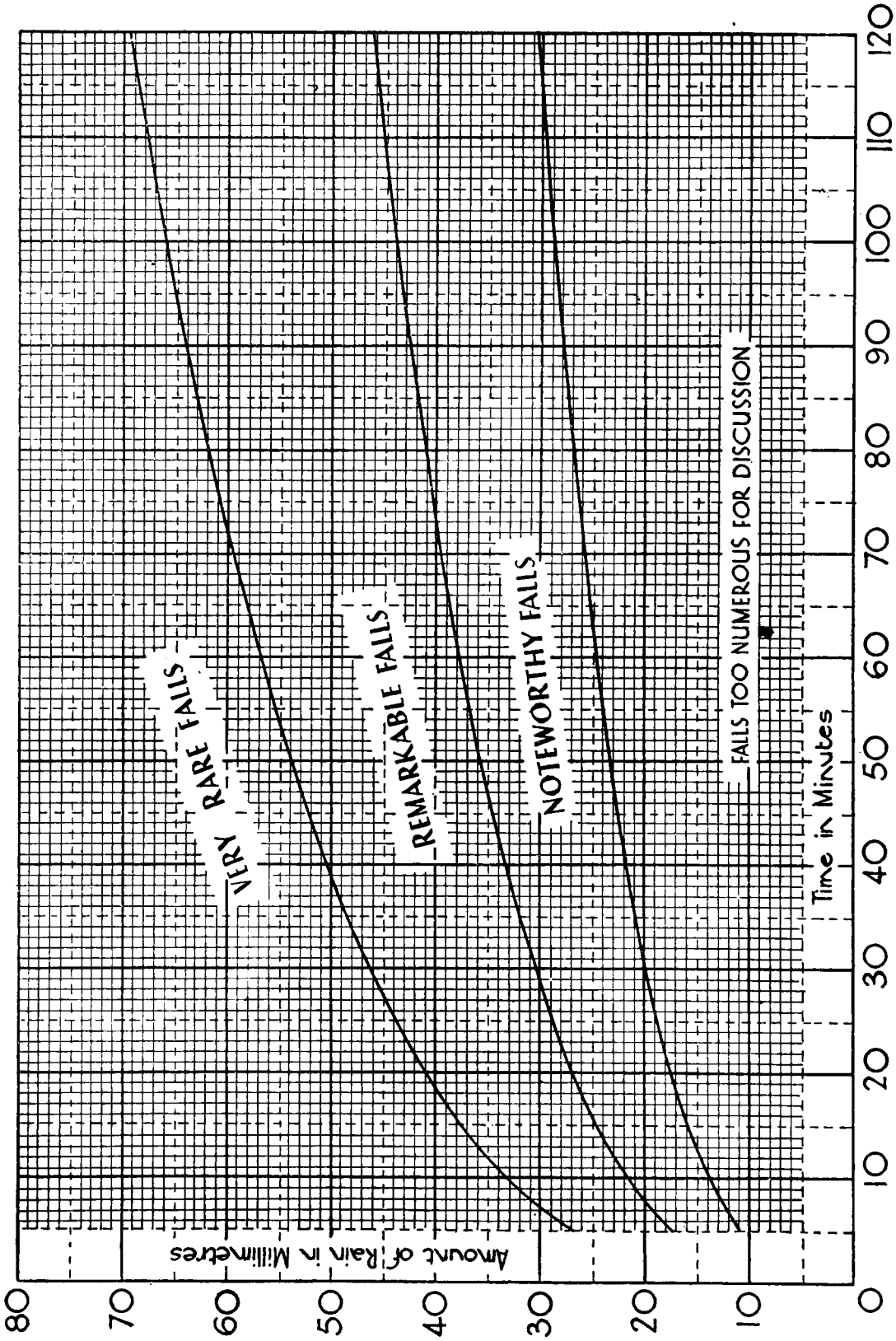

Fig. 3.—Revised classification diagram—rainfall in millimetres.

9. *Effects of revised limits on published data.*—The heavy falls included in Tables XV (a) and XV (b) of successive volumes of *British Rainfall* during the nine years 1926–1934 have been reclassified by reference to the proposed limiting curves specified in para. 8. The results are as follows :

	Number of Entries.			
	Noteworthy.	Remarkable.	Very Rare.	Total.
Eye Readings :				
Original classification ..	254	70	23	347
New classification	156	67	28	251
Autographic Records :				
Original classification ..	150	17	6	173
New classification	37	9	4	50

The most striking result of the reclassification is the great reduction in the total number of falls qualifying for inclusion in the table, particularly in the case of autographic records. In this connexion it should be noted that the reclassification refers only to falls which were included in the tables and therefore exceeded the old " noteworthy " limits. The new " noteworthy " limiting curve lies slightly below the old curve for times exceeding 50 minutes ; consequently the use of the new curve would result in the admission of a number of border-line cases previously excluded. In practice, therefore, the reduction in the total number of entries will not be quite so great as is implied by the above analysis.

Of the 50 entries from autographic records above the new " noteworthy " limits, 13 are above the new " remarkable " limits and 4 are above the new " very rare " limits. These numbers are in the ratio 16 : 4·2 : 1·3, agreeing fairly well with the theoretical ratio 16 : 4 : 1. In the case of eye readings the corresponding numbers are 251, 95, 28 which are in the ratio 16 : 6·1 : 1·8 ; the proportions of " remarkable " and " very rare " falls are therefore increased by the use of the new curves. The analysis shows that whereas the number of " noteworthy " eye-readings is substantially reduced by the new classification, the numbers in the other categories are hardly affected. As already pointed out, however, the new noteworthy curve would, in practice, admit certain falls with duration above 50 minutes which were excluded by the old curve.

10. *Form of publication of data derived from autographic records.*—In Tables XV (a) and XV (b) of *British Rainfall*, 1934, any given occasion of intense rain at a station has hitherto been represented only by a single entry. For a given fall occurring at a station equipped with a recording gauge, the original record provides the means of ascertaining the maximum amounts falling in stated times. The highest class to which the fall or any portion of it can be allocated is then ascertained

by reference to the standard curves. Suppose, to fix ideas, that some portion of the fall occurs at the " very rare " rate. The record is then scrutinised and the highest amount, and the corresponding time, eligible for noting as " very rare " are ascertained. This amount and time would be printed in Table XV (b). For example, on July 18th, 1934, there was an intense fall at Kew Observatory, part of which exceeded the " very rare " limits. The highest amount in this category was ·75 inch in 7 minutes, and that entry will be found in Table XV (b) of *British Rainfall*, 1934. In that particular case a full analysis of the fall derived from the record obtained with the minute-by-minute gauge, is given in the text but only the one entry is printed in the Table.

In view of the fact that the Table relating to intense falls recorded by autographic gauges will, in future, contain only a few entries each year, it has been decided that in addition to the maximum amount and duration in the highest category, the corresponding data for the lower categories should also be printed. A " very rare " fall will thus necessitate three entries, showing respectively the maximum amounts and durations above the " very rare," " remarkable " and " noteworthy," limits.

11. *Some further remarks in regard to intense rainfalls.*—This article has been written for the purpose of setting forth, as clearly as possible, the considerations which have led to the introduction of a new " classification-diagram " for use in connexion with Part II, Section 6, of *British Rainfall*. I have endeavoured to show that the new curves have a definite statistical basis, although they have admittedly been derived on the assumption that a law which holds for rainfalls which are relatively common also holds for rainfalls which are uncommon.

I hope, however, that readers will not regard this article merely as an *apologia* for a change of practice in the work of the British Rainfall Organization. A vast mass of accurate observations has been " boiled down " in order to arrive at the results now presented, and these facts are, or ought to be, of particular interest to drainage engineers who are professionally concerned with matters relating to the incidence of heavy rainfall. To that section of our readers these concluding remarks are principally addressed.

In the course of the professional work of the Organization we receive many enquiries for information in regard to the most intense falls which have been recorded in specified areas, the information being required for purposes connected with the design of sewage or drainage discharge works. It is very natural for an engineer responsible for such works to take the view that the experience of the past is the best guide for the future. That view leads the engineer to call for information in regard to the area in which he is interested. I now wish to suggest that it may not altogether be wise to base everything on purely local observations. One thing is very clear, namely that the incidence

of heavy rains in short periods is very fortuitous. A particular area may for years enjoy an apparent immunity from intense rains as compared with some neighbouring district, but there is good reason to believe that in the majority of cases such immunity is due to pure chance rather than to real climatological characteristics.* For example in the 10 years 1925 to 1934, Kew Observatory experienced 4 falls of 1 inch in 60 minutes or less, but there were only 3 such falls in the whole of the 50 years 1878–1927. Between 1878 and 1925 Kew Observatory enjoyed a remarkable immunity from this particular class of heavy rains, followed by an excessive frequency in the 10 years 1925 to 1934. I am personally convinced that the best estimate of the real frequency of rains of 1 inch in 60 minutes or less at Kew Observatory, or anywhere else in the drier parts of England, is that obtained by calculation from the equation given in para. 4, namely about once in 11 years. The important point about this equation is that it is based on experience not only at Kew Observatory but at many other stations.

" But," it may be argued, " surely the liability to intense rainfalls cannot be the same for all localities." The answer to that objection is that the existence of variability from place to place in respect to such rainfalls is very likely, but the information available up to the present is altogether insufficient to enable us to define the areas in which the liability is greater or less than the average. From the data given in Table II the only thing that one can be certain about is that areas with a high annual average rainfall are more liable than areas with a low annual average rainfall, to *prolonged* heavy rains. The really intense rains lasting no more than an hour or two seem to be distributed without regard to the annual average rainfall. On the evidence available up to the present, he would be a bold man who would base designs involving a large capital expenditure on the assumption that his particular area was less subject to intense rainfalls than the hypothetical " average station " to which our calculations apply.

Table V.—*Computed amounts of rain falling in stated times (1 to 24 hours).*

Frequency	*n*	1 hr. or less.	2 hrs. or less.	3 hrs. or less.	4 hrs. or less.	5 hrs. or less.	6 hrs. or less.	9 hrs. or less.	12 hrs. or less.	18 hrs. or less.	24 hrs. or less.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
One day a year	10	·46	·58	·66	·72	·77	·82	·93	1·02	1·16	1·26
One day in 2 years	5	·58	·72	·82	·90	·96	1·01	1·15	1·26	1·43	1·56
One day in 5 years	2	·78	·98	1·09	1·19	1·28	1·35	1·53	1·66	1·88	2·04
One day in 10 years ..	1	·97	1·20	1·35	1·47	1·57	1·66	1·87	2·04	2·31	2·51
One day in 20 years ..	·5	1·20	1·47	1·66	1·81	1·93	2·04	2·30	2·51	2·82	3·07
One day in 40 years ..	·25	1·48	1·82	2·04	2·22	2·37	2·50	2·82	3·07	3·45	3·75
One day in 160 years ..	·0625	2·24	2·73	3·07	3·34	3·56	3·75	4·22	4·58	5·15	5·60

* An apparent immunity may also arise merely because of the absence of recording raingauges in a particular area.

In para 7 there is a statement that the extension of the working curves to durations beyond 2 hours is not regarded as desirable. That means that we shall continue to limit our tabulated data in Part II, Section 6, of *British Rainfall* to falls which comply with the requirements of Table IV. We found, however, in para. 4 that the equation on which the new curves are based gives good agreement with actual observations at Kew Observatory, even for durations up to 48 hours. It has therefore been thought justifiable to add a further table (Table V) showing the amounts falling in stated times up to 24 hours, in the belief that the results will be of value. The results have been computed for the values of n used in Table III, together with $n = 0{\cdot}25$ and $n = {\cdot}0625$. They may be regarded as applicable to districts with an annual average rainfall up to about 35 inches.

THE GREAT NORTHAMPTONSHIRE HAILSTORM OF 22nd SEPTEMBER, 1935

During the early morning hours of September 22nd, a violent hailstorm occurred in Northamptonshire. This event took place during a period of great thunderstorm activity over the whole of the British Isles and as a result it attracted little more than local interest at the time. In February, 1936, the *Meteorological Magazine* published a photograph, to which we shall refer again later, of some very large hailstones collected and photographed immediately after the storm by Mr. A. E. Pollard of Weston Favell, but the really extraordinary character of the hail was not fully realised until we received, in May, a letter from Capt. R. P. Elwes, of which the following is an extract :—

" On the 23rd September last year I motored out to call on my aunt, Mrs. Herewyt de Bless, at the village of Great Billing, Northamptonshire. Early on the morning of the 22nd, at about 4 a.m. this village had been subjected to an amazing storm, in which hailstones fell that were as big and bigger than one's fist. Every pane of glass in the greenhouses was, of course, broken, and any form of skylight. The hailstones were so large that they were still not fully melted at 7 a.m. the next morning.

" Mrs. de Bless had recently put up a Morris garage, which was roofed with asbestos $\frac{1}{8}$in. thick. The size of the hailstones was so great that I noticed the roof had been pierced in at least a dozen places. It is a piece of this roof, showing two of the holes, that I have secured, as interesting evidence of the size of the hailstones."

Capt. Elwes has kindly presented the piece of roofing to the Meteorological Office, and it has been placed on exhibition at South Kensington. The material is pierced in two places by holes, roughly oval in shape, so near to one another that the material between has been carried away, forming one large hole of figure-of-eight shape. The two apertures are of different sizes ; within the larger it is possible to draw a circle 4 inches in diameter, and within the smaller, a circle of $2\frac{1}{2}$ inches diameter. We thus have evidence that some of the stones which fell in this storm may have been 4 inches in diameter ; it is impossible to be more definite because one does not know the relationship between the size of a hailstone and the size of the hole which it is capable of making in a sheet of asbestos-cement roofing.

It will, no doubt, astonish most readers to learn that hailstones

of this order of magnitude are possible in this country. That hailstones could, in any case, make clean holes through such material as asbestos-cement sheeting is perhaps equally surprising. The power of a large hailstone as a projectile becomes evident, however, when we consider some figures which have been kindly furnished by Mr. E. F. Relf, F.R.S., Superintendent of the Aerodynamics Department, National Physical Laboratory. It appears that a hailstone 3 inches in diameter (regarded for purposes of calculation as having a specific gravity of 0·6) would strike an object on the earth with a velocity of about 100 feet per second. Such a stone would possess kinetic energy, equivalent to that of a *steel* sphere of similar diameter and weighing 4 lbs. dropped from a height of about 15 feet. We may cease, therefore, to be surprised that such hailstones can do considerable damage.

The largest stones shown in Mr. Pollard's photograph are roughly 2 inches in diameter. According to the Northampton *Mercury and Herald* of September 27th, 1935, a stone as large as a tennis ball was picked up at Rushden. The newspaper account says that when split open it " was seen to be composed of four distinct spheres, the smallest the size of a walnut, the whole made one solid ball of ice." This rather suggests that it was really an aggregate of four hailstones which became fused together after they had fallen. The same newspaper account contains numerous details of other large stones, and includes a photograph of a piece of glass from a greenhouse at Lower Thrift Street, Northampton, pierced by a hole stated to be 3 inches in diameter. Stones which fell at Weston are stated to have weighed 4 oz. and to have been 6 inches in circumference. These data are inconsistent ; a hailstone 6 inches in circumference, or say, 2 inches in diameter could not possibly weigh more than about 2·2 oz. If these stones actually weighed 4 oz. their circumference must have been nearer 8 inches than 6 inches.

Taking account of the information of various kinds available, it is doubtful whether the largest hailstones which fell on this occasion have ever been exceeded in the British Isles. For the whole world, the " record " is probably held by hailstones which fell at Potter, Cheyenne County, Western Nebraska, U.S.A. on July 6th, 1928. " Tycos-Rochester," January, 1930, states that on this occasion stones from 10 to 17 inches circumference fell at distances of 10 to 15 feet apart in the town of Potter. The largest stone collected was 17 inches in circumference and weighed one and one-half pounds ; it was the size of a large grape-fruit.

The area within which hail of destructive intensity occurred on September 22nd, 1935, can be defined with fair precision, by reference to the data given in the newspaper account and in an article by Mr. R. H. Primavesi in the Journal of the *Northamptonshire Natural*

History Society and Field Club, Vol. XXVIII, No. 214, December, 1935. Serious damage is known to have occurred over an area in the form of a strip not more than about 10 miles wide, extending from Banbury north-eastward to a point just beyond Irthlingborough, a distance of about 40 miles. Mr. Primavesi states that some damage was reported at Peterborough, but the above limits may be regarded as those of the area within which the fall was really exceptional. The firm of A. R. & W. Cleaver, Builders' Merchants, kindly furnished a statement showing that large quantities of 21 oz. horticultural glass were supplied to the following places :—Banbury, Litchborough, Bugbrooke, Hardingstone, Northampton, Weston Favell, Billing, Houghton, Ecton, Earl's Barton (10,000 sq. ft.), Mears Ashby, Irchester, Wellingborough and Irthlingborough. Quarter-inch double royal cast glass for factory roof-lighting was sent to Irthlingborough, Wellingborough, Earl's Barton and Northampton. At Northampton the value of the damage to one building alone, St. Andrew's Hospital, amounted to over £600.

The hailstones occurred in association with a thunderstorm, the onset of which preceded the hail by about one hour. The following is Mr. Primavesi's account of the storm as observed at Newport Pagnell :—

" At Newport Pagnell, I first noticed the storm approaching from a westerly direction at about 3.45 a.m. Summer-time. The sky appeared as a structureless grey-green haze which was ' alive ' with flickering light, but there was no noticeable thunder. By 4 a.m. the storm was overhead, with continuous lightning flashes all apparently horizontal or striking upwards to a cloud at a higher level, and mostly more or less, veiled by cloud mist : thunder was a continuous menacing rumble, but never very loud. At the same time another storm at a still higher level approached from almost due south, and by 4.15 a.m. there appeared to be three layers of storm cloud, the central one being bombarded by lightning flashes from above and below. The effect was really awe-inspiring : one felt that almost anything might happen. The storm with continuous thunder distinctly audible lasted about an hour, but from approach to disappearance it must have been noticeable for 1½ to 2 hours ; and during the whole time there seemed to be no interval without the flicker of continuous lightning flashes."

It is difficult from the information available to form a clear idea of the development and rate of movement of the storm. The very early hours of the morning are not a good time for obtaining accurate information about weather phenomena and it is not surprising that some inconsistencies appear in different accounts. At most places, however, it appears that the sequence of events was first thunder and distant lightning, then the heavy hail lasting for a few minutes (up

to 20 minutes locally), turning soon afterwards to heavy rain. In the neighbourhood of Northampton, the storm was at its height about 3h. G.M.T., but this stage does not appear to have been reached until an hour later at Wellingborough. A slow progression towards east or north-east is thus indicated.

The rain caused some local flooding, particularly at Wellingborough, but the amount as measured at 9h. did not much exceed one inch anywhere in the county and was much less at most places. The highest measurements were 1·55 inches at Upton and 1·53 inches at the Berrywood Mental Hospital.

Synoptic situation, September 21st—22nd. The thunderstorm which occurred at Northampton during the early morning of September 22nd was one of many which were experienced in the Midlands and North of England during the passage of a depression north-eastwards across England. It is interesting to note that the storms were not preceded by great heat and maximum temperatures seldom exceeded 70°F. either on the 20th or 21st.

The synoptic chart at 7h. on the 21st showed an anticyclone centred over Germany extending to the British Isles, and a depression centred south of Iceland while a shallow depression over the Bay of Biscay was moving north-east.

The 6h. ascent at Duxford on the 21st showed that above 8,000 feet temperature was above the normal for the season, while the lapse rate was equal to, or exceeded, the saturated adiabatic. The air was relatively moist. Below 8,000 feet there was relatively dry air with a small inversion at about 3,500 feet.

By 18h. on the 21st, the shallow depression was just south-west of the Scilly Isles with a " warm front " extending across the Midlands just south of a line Holyhead to Cranwell, and a " cold front " extending from the Scilly Isles across north-west France to south-west France. Behind the " warm front " warm damp air had spread across England from the south (vapour pressure in the southern half of England had risen to about 17 mb.). Surface temperatures and vapour pressures over France were high and pilot balloon ascents in south-east England during the afternoon of the 21st indicated that temperature over England was rising at least in the lowest 6,000—7,000 feet. In addition the air was becoming more moist. Thus conditions very favourable for the development of thunderstorms were present, viz., a lapse rate in excess of the saturated adiabatic from a height of about 6,000 feet to great heights and an adequate supply of moisture in the lower layers. The thunderstorms were started by the " cold front," assisted strongly in this case by convergence to the centre of low pressure, which deepened considerably as it moved north-eastwards across England.

At 1h. on the 22nd, the depression was situated over the Bristol Channel with the " cold front " extending south-eastwards into north France, and by 7h. the depression had reached the Humber with the " cold front " extending south-eastwards across East Anglia to the Continent. Later the depression deepened very considerably as it moved away north-eastwards reaching a depth of 980 mbs. off southern Norway by 0700h. on the 23rd.

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